Meridian 1

Software Input/Output Guide

X11 System Messages

Book two of two

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Intergroup Switch and System Clock Generator Diagnostic (LD 39)

The Intergroup Switch (IGS) and System Clock Generator (SGC) diagnostic (LD 39) applies to the SL-1 XN equipped with Generic X11. The program is used to maintain Peripheral Signaling (PS), Intergroup Switch (IGS) or System Clock Generator (SCG) cards.

ISR messages

ISR0000	Program identifier.
ISR0001	Illegal character in command.
ISR0002	Wrong number of input parameters.
ISR0003	Illegal command.
ISR0004	Group out-of-range.
ISR0010	Command ignored as an active input device would be disabled.
ISR0015 loop	Loop specified does not respond. During ENPS command, an attempt is made to re-enable all loops associated with peripheral signaling card.
ISR0018	Only one DISI IGS allowed at a time.
ISR0020	Specified peripheral signaling card out-of-range.
ISR0021	Specified peripheral signaling card does not respond.
ISR0022	Specified peripheral signaling card already enabled.
ISR0025	Cannot determine which CPU is active.

ISR0026 p	A peripheral signaling interrupt fault is present. p identifies the faulty card.
ISR0027	A fault in the outgoing signaling circuitry has been detected on the peripheral signaling card being examined.
ISR0029	Customer does not exist.
ISR0033	System clock must be switched before proceeding.
ISR0040	Intergroup switch out-of-range.
ISR0041	Intergroup switch specified is not responding.
ISR0042	Intergroup switch is already enabled.
ISR0043	DISI IGS command completed.
ISR0050	System clock generator specified is out-of-range.
ISR0051	SCG specified is not responding.
ISR0052	SCG specified is already enabled.
ISR0054	Idle CPU must be switched in to replace the present clock.
ISR0060 n	SCG n cannot be switched in to replace the present clock. **Action:** If clock controller, go to Input/Output guide, LD 60.
ISR0061 n	SCG n cannot be switched in because loss of service will result to the peripheral signaling cards specified. List is composed of the numbers of the specified peripheral signaling cards affected. **Action:** If clock controller, go to Input/Output guide, LD 60.
ISR0062 n	Software and hardware status of SCG n do not match **Action:** If clock controller, go to Input/Output guide, LD 60.
ISR0070	Specified equipment could not be enabled because of the CPU bus extender to the network shelf is disabled.
ISR0071	Supposed to freerun, but H/W is tracking on primary.
ISR0072	Supposed to freerun, but H/W is tracking on secondary.
ISR0073	Supposed to track on primary, but H/W is tracking on secondary.

ISR0074	Supposed to track on primary, but H/W is freerun.
ISR0075	Supposed to track on secondary, but H/W is freerun.
ISR0076	Supposed to track on secondary, but H/W is freerun.
ISR0077	Tracking rejected. Reference primary is not specified.
ISR0078	Tracking rejected. Reference secondary is not specified.
ISR0079 loop	Loop is disabled. No action is taken.
ISR0080	SL-1NT cannot use LD 39.
ISR0100	An invalid error message was received from the clock controller.
ISR0101	Superloop on the specified PS card, use LD 32 ENPS/DSPS commands.
ISR0102	Loop is a Digital Trunk Interface or Primary Rate Interface. **Action:** Use LD 60.
ISR0104	BRSC{-}PRI B-Ch connection is using the IGS being disabled. Cannot complete DISI command. **Action:** Use the DIS IGS command or disconnect the nail-up by disabling the BRSC in LD 32 first.
ISR0105	A TCON connection is using the IGS being disabled. Cannot complete DISI command. **Action:** Use the DIS IGS command or disconnect the TCON first.
ISR0106 G S	Clock found in Group G side S is different from its address found during system initialization. No attempt to overwrite the address found during initialization.
ISR0107 S G	More than one clock has been found in side S. The information on Group of the extra clock(s) is provided.
ISR0108 S	No clock has been found in side S.

Integrated IP Telephony Gateway

ITG messages

ITG0100	Successful bootup. All alarms cleared.
ITG0101	Exit form QoS fallback. Normal operation restored.
ITG0102	Ethernet voice port restored to normal operation.
ITG0103	Ethernet management port restored to normal operation.
ITG0104	DSP successfully reset.
ITG0105	Exit from card fallback. Leader card restored.
ITG0150	D-channel restored. Channels restored to service.
ITG0200	Voice Ethernet buffer exceeded. Packet(s) discarded.
ITG0201	Management Ethernet buffer exceeded. Packet(s) discarded.
ITG0202	Card recovered from software reboot.
ITG0203	Fallback to PSTN activated.
ITG0204	DSP device reset.
ITG0206	Invalid A07 message received. Message discarded.
ITG0207	Unknown H.323 message received. Message discarded/rejected.
ITG0208	Backup leader has been activated.
ITG0250	Invalid X12 message received. Message discarded.
ITG0300	Memory allocation failure.

ITG0301	Channel not responding. Channel is disabled.
ITG0302	DSP device failure. Operating on reduced capacity.
ITG0303	DSP subsystem failure. Initiating card reboot.
ITG0304	Cannot write to file I/O write error.
ITG0305	Cannot open configuration file. Using default settings.
ITG0306	Meridian Messaging error threshold exceeded.
ITG0308	Address Translation failure. Call is released.
ITG0309	Unexpected DSP channel closed. Channel is unusable.
ITG0310	Cannot open DSP channel.
ITG0311	Unable to get response from Follower card.
ITG0312	Unable to push BOOTP tab file to backup leader.
ITG0313	Keycode failed validation. Configuration file discarded.
ITG0400	Fatal self-test failure. Card is out of service.
ITG0401	Reboot threshold exceeded. Manual intervention required.
ITG0402	Ethernet voice port failure.
ITG0403	Ethernet management port failure.
ITG0404	Can’t open address translation file.
ITG0405	Keycode file failed validation during bootup.
ITG0406	Start-up memory allocation failure. Card reboot initiated.
ITG0407	Unable to get response from leader card.
ITG0408	Bad address translation file. Reverting to previous version (if any).
ITG0409	Bad configuration file. Reverting to previous version (if any).
ITG0410	Remote leader not responding.
ITG0411	Failed to start UDP server for intercard messaging. Card is in fallback.

ITG0412	Failed to start UDP client for intercard messaging. Card is in fallback.
ITG0413	Failed to register with Leader card. Defaulting to fallback mode.
ITG0414	No response from Leader card.
ITG0415	Task spawn failed. Attempting a reboot.
IITG0416	Failed to start QOS/Network Probing Timer.
ITG0417	Update to followers.
ITG0418	H-323 stack failed to initialize.
ITG0452	Meridian -1 messaging failure. Unable to process calls.

Link Diagnostic (LD 48)

The Link Diagnostic program is used to maintain data links used with various special features and auxiliary data links. Link Diagnostic problems are reported in LNK messages.

LNK messages

LNK0000 Program identifier.

LNK0001 Invalid command.

Action: Check data and re-enter command.

LNK0002 Invalid first parameter.

Action: Check data and re-enter command.

LNK0003 Invalid second parameter.

Action: Check data and re-enter command.

LNK0004 High-speed link does not exist.

LNK0005 Low-speed link does not exist.

LNK0006 Incorrect number of parameters inputted for the command specified.

Action: Check data and re-enter command.

LNK0007 Invalid data keyed in. Check data and re-enter command.

LNK0008 The SDI for the high-speed link or low-speed link is not enabled.

Action: Use the ENL command to enable the SDI and re-enter the command.

LNK0009 Invalid parameter 3.

LNK0010	IMS/IVMS package not equipped.
LNK0011	IMS/IVMS package and ACD-D not equipped.
LNK0012	ACD-D package not equipped.
LNK0013	APL number out-of-range.
LNK0014	Not an APL link.
LNK0015	APL Logical Unit not found.
LNK0016	Attendant Logical Terminal Number (LTN) out-of-range.
LNK0017	Customer number does not exist.
LNK0018	Unknown configuration.
LNK0019	Invalid link specified.
LNK0020	Not a valid option.
LNK0021	APL is down.
LNK0022	Customer number not defined.
LNK0023	Attendant LTN not defined.
LNK0024	Directory Numbers (DN) not defined.
LNK0025	Cannot allocate Call Register.
LNK0026	Confirmation not sent. Cannot allocate Call Register.
LNK0027	No response from AUX on last SEND.
LNK0028	Cannot link to IMS/IVMS output queue.
LNK0029	No APL exists in the system.
LNK0030	No APL SDI exists in the system.
LNK0031	APL is up but queue is full.
LNK0032	Interface pack failed to respond.
LNK0033	Interface pack has permanent interrupt.

LNK0034	Phantom message monitor input at application program link.
LNK0035	Phantom message monitor input (AIM link).
LNK0036	Phantom message from message monitor output queue at application program link.
LNK0037	Phantom message from message monitor output queue at AIM link.
LNK0038	Phantom message from packet monitor output at application program link.
LNK0039	Phantom message from packet monitor output at AIM link.
LNK0040	Phantom message from packet monitor input at application program link.
LNK0041	Phantom message from packet monitor input at AIM link.
LNK0042	Message from message monitor output at an illegal link.
LNK0043	Message from message monitor input at an illegal link.
LNK0044	Bad packet message received at application program link.
LNK0045	Bad packet message received at AIM link.
LNK0046	Packet received on application program link does not match with packet sent from AIM.
LNK0047	Packet received on AIM link does not match with packet sent from application program.
LNK0048	Invalid password.
LNK0049	Process ID out-of-range.
LNK0050	Process ID not set.
LNK0051	ESDI number is out-of-range.
LNK0052	Information Services (IS) package is not equipped. Command Status Link (CSL) is not equipped.
LNK0053	Command is not valid for ESDI async port.
LNK0054	Command is not valid if one of the ports is asynchronous.

LNK0055 Command is not valid at current state (e.g., the CON ESDI n command can only be entered if the ESDI is in the ENABLED state).

LNK0056 ESDI logical unit not found.

LNK0057 ESDI_CSL_CRPTR is nil.

LNK0058 ESDI are not in simulator loop around mode. Error message for SMLP command.

LNK0059 For SMLP command, both ports have to be in IDLE state. This indicates one of the ports is not in IDLE state.

LNK0060 ESDI hardware does not respond. The pack may not be plugged in correctly or the device address may be incorrect.

LNK0061 ESDI permanent interrupt.

LNK0062 For SMLP command, ports have to be configured for loop back simulator. Issue CNFG command first.

LNK0063 ESDI is not in CONNECTED state. For DSC ESDI N and ENL CMS N commands, the ESDI has to be in CONNECTED state.

LNK0064 There is no response to the polling message.

LNK0065 For SWCH CMS N1 N2 command, N1 should be in ACTIVE state.

LNK0066 For SWCH CMS N1 N2 command, N2 should be in STANDBY state.

LNK0067 For SWCH CMS N1 N2 command, both links should belong to the same external Server address (VASID).

LNK0068 Invalid ESDI state for the given port or its pair when self test (SLFT) command is issued.

LNK0080 CSL simulator command is not valid until SIM command has been entered.

LNK0081 CSL IO data block not built. This port is defined as CSL port, but no TTY IO block exists.

Action: To correct this, either:

1. manually init, or

2. go through LD 17 entering {cr} to every prompt

LNK0082 This port is not defined as a CSL link

Action: To configure it as a CSL link, in LD 17:

1. add “USER” “CMS” under “IOTB” prompt
2. add port to “CMS” under “VAS” prompt

LNK0083 This CSLSIM message could not be sent because it could not be linked to the CSL output queue.

LNK0084 Input out-of-range.

LNK0085 Current CSLSIM message has a message length of zero.

LNK0086 Incoming CSL message does not match the stored one.

LNK0087 CSL message type is not defined.

LNK0088 CSl link is not active.

LNK0089 Comm TN failed TN translation.

LNK0090 Comm TN out-of-range.

LNK0092 Invalid HEX input.

LNK0100 Loop number out of range for ENIT/ENXT commands.

LNK0101 Incorrect loop type. Depending on the command, the loop must be TERM, DTI, DLI or MISP.

LNK0102 Shelf number out-of-range.

LNK0103 Card number out-of-range.

LNK0104 Card is not configured.

LNK0105 Unit number is out-of-range.

LNK0106 Maximum number of links configured for selection criteria.

LNK0107 Maximum number of TNs stored for link.

LNK0108 All priorities or message types are out-of-range.

LNK0109 Input/Output block does not exist.

LNK0110 SDI pack is not responding.

LNK0111	CND link not configured.
LNK0132	Superloop number must be a multiple of 4.
LNK0133	Incorrect password for MISP message monitor.
LNK0200	You can not disable the input device because it is currently in use.
LNK0201	This is not a CCR link.
LNK0202	This is not a CSL link.
LNK0203	This is not an APL link.
LNK0204	ICP package not equipped.
LNK0205	No ICP links exist in the system.
LNK0206	There is no MCR available for ICPM.
LNK0207	Message type out-of-range: 0-3, 50-61.
LNK0210	Failed to execute the ENL AML # MDL command. **Action:** Try the command again.
LNK0211	AML number is out-of-range.
LNK0212	Failed to execute the DIS AML # MDL command. **Action:** Try the command again.
LNK0213	The command cannot be executed. The input command is illegal.
LNK0214	The command cannot be executed because the CSL package is not equipped.
LNK0215	The command cannot be executed because illegal number of parameters was typed.
LNK0216	The command cannot be executed because the AML number is not valid.
LNK0217	The command cannot be executed because of a syntax error in the command line.
LNK0218	The command cannot be executed because logical AML I/O pointer cannot be setup.
LNK0219	The card type on which the AML is configured is not an MSDL card.

LNK0220 The command cannot be executed because the MSDL card is disabled.

LNK0221 The AML command cannot be processed when the link is disabled or is in process of being disabled.

LNK0222 The command can only be executed when the MSDL AML is in the establish state.

LNK0223 Failed to execute the ENL AML # MON command.

Action: Try the command again.

LNK0224 Command not executed. AML application layer (i.e., layer 7) is already enabled or is in process of being enabled.

LNK0225 Command not executed. AML application layer (i.e., layer 7) is already disabled.

LNK0226 Failed to execute the DIS AML # MON command.

Action: Try the command again.

LNK0227 Failed to execute the UPLD AML # TBL# command.

Action: Try the command again.

LNK0228 The AML is in process of link reset.

Action: Wait until the process is finished, then execute the command again.

LNK0229 The command can not be executed because the given card type is not ESDI.

LNK0230 STA number is either out of range or does not exist.

LNK0231 STA package is not equipped.

LNK0232 MSDL card is not operational.

LNK0233 Overlay command failed.

LNK0234 Incorrect number of parameters.

LNK0235 Cannot set up MSDL pointers.

LNK0236 Cannot set up STA related pointers.

LNK0237 STA application is enabled, but the administration terminal is not.

LNK0238 STA application is disabled, but the administration terminal is not.

LNK0239 STAT STA command failed.

LNK0241 You cannot disable that STA application from the STA administration terminal.

LNK0266 The Voice Mailbox Administration package is not equipped.

LNK0267 Cannot set up Voice Mailbox Administration application related pointers.

Action: Be sure the application is configured.

LNK0268 The Voice Mailbox Administration application is already enabled.

Action: Get the status of VMBA in LD 48. It may be necessary to disable then reenable the application.

CAUTION: Prior to disabling the application, be sure no audits, uploads, or updates are in process. These will be lost when the application is disabled.

LNK0269 A mailbox database audit or upload is in progress. Only one process at a time can be activated.

Action: Use the STAT command in LD 48 to get application status information.

LNK0270 Cannot activate an upload or audit while the Voice Mailbox Administration application is inactive.

Action: Enable the application prior to performing an audit, or upload.

LNK0271 The Voice Mailbox Administration application is already disabled.

LNK0272 When the Voice Mailbox Administration application is disabled, the audit, upload, and update function are also disabled.

LNK0273 Invalid DN type for the audit or upload command. The DN type must be SCR, SCN, MCR, or MCN.

LNK0274 That DN is not configured with a Voice Mailbox, and cannot be audited.

LNK0275 Invalid password for UIPE BRIT debug option (Overlay 48).

LNK0277 Access database error.

LNK0278 ENL or DIS operation failed.

LNK0279 Set subnet mask operation failed.

LNK0283 STAT SDI LOW, ENL SDI LOW and DIS SDI LOW are invalid commands on Option 11C.

LNK0290 Server Task cannot be disabled when the elan link is active.

Meridian Administration Tools

MAT messages

MAT0001 Successful login.

MAT0002 Successful logout.

MAT0003 Login denied: too many sessions.

Action: Retry later when existing user logs out or is forced off by an administrator.

MAT0004 Login denied: authentication fails. (For example, the wrong password)

Action: Retry with a correct LAPW user name or password. User has to have MAT=3DYes. MAT package has to be enabled.

MAT0006 Forced logout by another user.

MAT0007 Forced logout by the system

Action: Check for network failure or PC crash

MAT0010 Inventory card generation complete

MAT0011 Inventory sets generation complete

MAT0012 Inventory card generation aborted

MAT0013 Inventory sets generation aborted

MAT0014 Error writing to card inventory file; generation aborted

MAT0015 Error writing to sets inventory file; generation aborted

MAT0016 Unable to rename inventory card file; generation aborted

MAT0017	Unable to rename inventory sets file; generation aborted
MAT0018	Queue error; card inventory generation aborted
MAT0019	Queue error; sets inventory generation aborted
MAT0020	Card inventory record(s) lost; generation aborted
MAT0021	Set inventory record(s) lost; generation aborted
MAT0022	Unable to close inventory card file; generation aborted
MAT0023	Unable to close inventory sets file; generation aborted
MAT0024	Inventory cannot create ’inv’ directory!

Malicious Call Trace

MCT messages

MCT0604	Test case number does not match its test data.
MCT0606	It is not applicable to Network/DTR card.
MCT0652	MISP expediated buffer not available.
MCT0653	MCT results received of an unknown test.
MCT0654	Cannot do loopback on a non-BRI line card.
MCT0655	Data corruption.
MCT0656	The BRI line card is not assigned to the MISP.
MCT0657	No line cards defined at the given TN.
MCT0658	Not an MISP card.

Memory Management (LD 29)

LD 29 is used to check the amount of unused memory available to accommodate substantial amounts of new data to be added, and to respond to error messages SCH0601 and SCH0603.

MEM messages

MEM0000	Program Identifier.
MEM0001	Invalid keyword, or incorrect password entered.
MEM0002	Incorrect number of parameters.
MEM0003	Invalid parameter.
MEM0005	Request valid for XL systems only.
MEM0010	Dump map has been made identical to active map.
MEM0011	No change from present assignment.
MEM0012	Map was not changed before CHK command.
MEM0101	Maximum logical page size exceeded by response to MSG.
MEM0102	Maximum logical page size exceeded (TYNM/PGBY).
MEM0103	Parameter out-of-range. Check and re-enter response.
MEM0104	Unequipped package.
MEM0110	Attempt to assign page to wrong memory type.
MEM0111	Attempt to assign page to an unequipped memory.

MEM0112	Invalid logical page number.
MEM0113	Specified page is assigned to an unequipped memory.
MEM0120	Warning: Free space will likely be below safety limit.
MEM0121	Map check failed; page(s) will not likely fit.
MEM0150	Automatic map generator routine failed.

Multifrequency Compelled Signaling (LD 54)

Multifrequency Compelled Signaling (MFC) or Multifrequency Signaling (MFE) provides a handshaking facility between the SL-1 and the Central Office or Public Exchange (CO/PE) or between other PBXs over network/Tie trunks.

The format of an MFC message is MFCxxx MFCTN TRKTN X1-X5

Where:

MFCTN = MFC register TN (packed format)

TRKTN = Trunk TN of the CMFTN (packed format)

X1-X5 = the first six words of the unprotected MFC block for the unit used

MFC messages

MFC0000	Program 54 identifier.
MFC0001	Invalid input, number of characters in one field are greater than four (X08). Noisy pack H/W (X11).
MFC0002	Invalid input (datatype) (X08). Large twist (hardware) (X11).
MFC0003	Invalid input, command field unknown (X08). Three frequencies (hardware) (X11).
MFC0004	Invalid input, too many parameters (X08). No interdigit pause (hardware) (X11).
MFC0005	Last command is still in progress (X08). Invalid decision (hardware) (X11).

MFC0006	Invalid TN (X08). MFC pack firmware fault (hardware) (X11).
MFC0007	Invalid DOD trunk (X08). Undefined error (hardware) (X11).
MFC0008	Trunk is busy or disabled (X08). Software timeout (software) (X11).
MFC0009	Invalid TN. Shelf out-of-range (0 to 3) (X08). Not ready to send (software) (X11).
MFC0010	Invalid TN. Card out-of-range (1 to 10) (X08). Undefined function/signal (software) (X11).
MFC0011	Invalid Set TN (X08). MFC table not defined (software) (X11).
MFC0012	Defined set is busy or disabled (X08). Invalid backward (BWD) signal received; call cleared down (software) (X11).
MFC0013	Invalid signaling type (X08). Invalid FWD signal received; call cleared down (software) (X11).
MFC0014	Signaling type not defined (X08).
MFC0015	Signaling type already defined (X08). Invalid TRKTYPE attempting MFC signaling (software) (X11).
MFC0016	Command not valid for MFE signaling (X08).
MFC0017	Trunk busy, DSI timing (X08).
MFC0018	Use loop and channel for digital loop TN (X08).
MFC0019	Invalid digital loop TN (X08).
MFC0020	No MFC incoming table defined for route (software) (X11).
MFC0021	No MFC outgoing table defined for route (software) (X11).

Multifrequency Signaling Diagnostic (LD 54)

Multifrequency Compelled Signaling (MFC) or Multifrequency Signaling (MFE) provides a handshaking facility between the SL-1 and the Central Office or Public Exchange (CO/PE), or between other PBXs over network/ Tie trunks.

The MFD Overlay program is used to diagnose, display or change the status of the MFC or MFE send/receive (S/R) cards. The program resets all available MFC or MFE cards (both channels idle) and performs loop-back tests during the midnight routines. After every SYSLOAD or power-up, all available MFC or MFE cards are initialized.

MFD messages

MFD0000 Program 54 identifier. MFD is ready for input commands.

MFD0001 Invalid input. Number of characters in one field is greater than four.

Action: Check input. Re-enter the command.

MFD0002 Invalid input. Wrong data type.

Action: Check input. Re-enter the command.

MFD0003 Invalid input. Command field unknown.

Action: Check input. Re-enter the command.

MFD0004 Invalid input. Too many parameters.

Action: Check input. Re-enter the command.

MFD0005 Previous command still in progress.

Action: Check input. Re-enter the command.

MFD0006 Wrong/unequipped customer.

Action: Check input. Re-enter the command.

MFD0007 Wrong argument/invalid parameters.

Action: Check input. Re-enter the command.

MFD0008 Invalid TN. Loop out-of-range 0 to 159.

Action: Re-enter command.

MFD0009 Invalid TN. Shelf out-of-range (0 to 3).

Action: Re-enter the command.

MFD0010 Invalid TN. Card out-of-range (1 to 10).

Action: Re-enter the command.

MFD0011 Invalid TN. Unit out-of-range (0 to 1).

Action: Re-enter the command.

MFD0012 Wrong Argument. Digit out-of-range (1 to 30).

Action: Re-enter the command.

MFD0013 Wrong Argument. Level out-of-range (0 to 7).

Action: Re-enter the command.

MFD0014 Specified TN is not equipped to be MFC or MFE channel.

Action: Check input. Re-enter command.

MFD0015 MFC or MFE channel is busy. No action.

MFD0016 MFC or MFE channel found faulty but has not been disabled. Given after ATST command or in response to test initiated by system. TN and failed digit are both output.

Action: For repeated failures, replace card.

MFD0017 MFC or MFE channel found faulty and has been disabled. Given after ATST command or in response to test initiated by system. TN and failed digit are both output.

Action: For repeated failures, replace card.

MFD0018 MFC or MFE channel found faulty but has not been disabled. Given after MTST command. TN, failed digit and signal level received are all output.

Action: For repeated failures, replace card.

MFD0019 MFC or MFE channel found faulty and has been disabled. Given after MTST command. TN, failed digit, and signal level received are all output.

Action: For repeated failures, replace card.

MFD0020 Timeout, no response. Channel not disabled. Given after ATST, MTST commands and midnight test.

Action: For repeated failures, replace card.

MFD0021 Timeout, no response. Channel is disabled. Given after ATST, MDST commands and midnight test.

Action: For repeated failures, replace card.

MFD0022 Timeout, no response. Card level, channel or channels are not disabled. Given after initialization.

Action: For repeated failures, replace card.

MFD0023 Timeout, no response. Both channels are disabled. Given after initialization.

Action: For repeated failures, replace card.

MFD0024 MFC cordage restricted, Overlay not loaded.

MFD0030 Corrupted data, loop density out-of-range (0 to 2).

MFD0031 Corrupted data, unit information out-of-range (0 to 15).

MFD0032 Self-test failed. Channel is not disabled.

MFD0033 Self-test failed. Channel is disabled

MFD0034 tn yy Self-test failed, and XMFC/XMFE card disabled (all units)

Where: tn= loop, shelf and card, yy = result.

Where yy =

00- Self-test O.K.

01- DS-30X Toggle Fail

02- DSP EPROM Low Fail

03- DSP EPROM High Fail

04- DSP RAM 0 Low Fail

05- DSP RAM 0 High Fail

06- DSP RAM 1 Low Fail

07- DSP RAM 1 High Fail

08- DSP RAM 2 Low Fail

09- DSP RAM 2 High Fail

0A- DSP DS-30X RAM 0 Fail

0B- DSP DS-30X RAM 1 Fail

0C- DSP Latch Timeout

0D- DSP Invalid Configuration

0F- DSP General Fail

10- 80C31 AROM Fail

11- 80C31 RAM Fail

12- 80C31 MPU Fail

13- DSP Timeout Fail

14- A07 Register Fail

15- Card-Lan Fail

16- EEPROM Fail

17- Invalid Message from Meridian SL-1

2x- DID Loopback Fail (x = digit)

3x- DOD loopback Fail (x = digit)

MFD0035 l s c Timeout due to no response. The XMFC/XMFE card missing or disabled (all units), where: l s c = TN information (loop, shelf, card)

MFD0036 ATST/MTST commands not supported on Card 0 MFC/MFE/MFK5/MFK6 units.

MFD0037 New MFC / MFE / MFK5 / MFK6 units on Card 0 can only be enabled using ENLX in LD 34.

Action: To enable these units, go into LD 34 and perform ENLX0.

MFD0038 Invalid TN. Unit out-of-range (0-31).

MFD0039 Wrong argument. Level out-of-range(0-15).

MFD0040 Corrupted data. Loop density out-of-range.

MFD0041 Invalid TN. Card out-of-range (0-15).

MFD0042 This command is supported in Overlay 32.

Multifrequency Signaling Diagnostic (LD 54)

The MFE messages identify software/hardware errors during call processing.

Output is in the format of: MFExxx MFETN TRKTN,

Where:

xxx is the Error code number

MFETN is the MFE register TN (packed format).

TRKTN is the Trunk TN associated with the MFETN (packed format).

MFE messages

MFE0001	Noisy Multifrequency Signaling (MFE) pack hardware.
MFE0002	Large twist (hardware).
MFE0003	Three frequencies (hardware).
MFE0004	No inter-digit pause (hardware).
MFE0005	Invalid decision (hardware).
MFE0006	MFE pack firmware fault (hardware).
MFE0007	Illegal signal 11 to 15 not supported (hardware).
MFE0008	Signal sent is invalid at this time (hardware).
MFE0009	Software timeout (software).
MFE0010	Undefined/invalid signal received (software).

MFE0011 Signal not expected (software).

MFE0012 Undefined function (software).

MFE0013 Outgoing calls not allowed (software).

MFE0014 MFE table not defined (software).

MFE0015 Not ready to send (software).

Multifrequency Signaling for KD3

MFK messages

MFK0001	Noisy MFK pack
MFK0002	Large twist
MFK0003	Three frequencies
MFK0004	No interdigit pause
MFK0005	Invalid decision
MFK0006	MFK pack firmware fault
MFK0007	Illegal signal
MFK0008	Signal sent is invalid at this time
MFK0009	Software timeout
MFK0010	Undefined signal received
MFK0011	Signal not expected
MFK0012	Undefined function
MFK0014	MFK table not defined
MFK0015	Not ready to send

Multifrequency Receiver

The Multifrequency Receiver card receives multifrequency signals for the Feature Group D package.

MFR messages

MFR0001 l s c u MFR unit did not respond. The specified MFR unit has been disabled. Replace the indicated card.

MFR0002 l s c n Self-test of MFR card failed, where: n is the failure description.

1 = EPROM failed

2 = Processor failed

3 = Invalid result

The specified MFR card has been disabled.

Action: Replace the indicated card.

MFR0003 tn n1 n2 nn MFR unit failed MF tones test, where n1, n2, etc. is the list of input messages received by the MFR. In a successful test, 30 input messages are received, corresponding to KP, 0-9, ST, ST', ST'' and ST'''. Each tone input messages is followed by an interdigit silence input message.The specified card has been disabled.

Action: Replace the indicated card. Suspect faulty MFS if fault persists or if MFR units on more than one card are shown faulty.

Multifrequency Sender Diagnostic for ANI (LD 46)

The Multifrequency Sender card provides multifrequency signals of Automatic Number Identification (ANI) digits over Centralized Automatic Message Accounting (CAMA) trunks to a toll switching CAMA, Traffic Operator Position System (TOPS) or Traffic Service Position System (TSPS).

The MFS diagnostic program is used to maintain the MFS cards. Problems are identified in MFS messages.

MFS messages

MFS0000 Program identifier. No action required.

MFS0001 Invalid command. Only the commands listed are allowed.

MFS0002 Incorrect use of command.

Action: Refer to command table for correct parameters.

MFS0003 The customer specified does not exist or is out-of-range.

MFS0004 Loop specified is out-of-range.

MFS0005 This command is only allowed to be used from an SL-1 maintenance set.

Action: Abort program and reload from an SL-1 telephone designated as a maintenance device.

MFS0006 Could not establish a channel connection between the SL-1 maintenance telephone and the MF sender.

Action: Run a signaling diagnostic to find the cause.

MFS0020 loop MF sender failed to respond. Minor alarm lamp lit on attendant console.

Action: Ensure that faceplate switch is set to ENABLE and that the card is inserted properly. If MF Sender still fails to respond, the card is faulty.

MFS0021 loop MF sender has a channel memory fault.

Action: Replace card.

MFS0022 loop MF sender has a digit buffer memory fault.

Action: Replace card.

MFS0023 loop d MF sender does not outpulse for the digits d listed.

Action: Replace card.

Only applications with NT or XT machine types can disregard this message. Operation of the MFS card is unaffected.

MFS0024 loop MF sender has a fault in the FIFO stack memory. This fault is not service affecting.

Action: Replace card.

MFS0100 On ENLX (enable Conference/TDS/MFS card) did not receive the message verifying download completion within six seconds.

Action: Disable the card (DISX) and retry the Enable (ENLX) command.

MFS0101 Timeout on Digit Interrupt for Conference/TDS/MFS card.

MFS0102 Cannot use the ENLX (Enable) or DISX (Disable) commands on a non-Conference/TDS/MFS card.

MFS0103 The Conference/TDS/MFS card is already enabled/disabled

MFS0104 Received an unexpected message from a Conference/TDS/MFS card.

Multi-purpose ISDN Signaling Processor

The MISP messages report problems with the MISP card and its applications.

MISP messages

MISP0100 x The CSTAT and CSUBSTAT fields on MISP x indicate that the card is Manually Disabled. The Meridian 1 believes the card is Enabled. The card is placed in the System Disabled - Selftests Passed state, and within the next few minutes, the Meridian 1 will attempt to enable the card. Where: x = loop number

MISP0101 x The CSTAT field on MISP x indicates that the card is no longer Enabled. The Meridian 1 will attempt to return the card to an Enabled state within a few minutes. Under certain conditions, this message is output at the same time as MISP302. Where: x = loop number

MISP0102 x No response was received from MISP x to a background polling message sent periodically to each MISP. The purpose of this message is to ensure that the card is capable of receiving and sending messages. Where: x = loop number

MISP0103 x An Overlay was waiting for a message from MISP x. Most likely, the Overlay is no longer loaded. The message the Overlay was waiting for was never received. Where: x = loop number

MISP0104 x The MISP background audit sent a message to MISP x and did not receive a response. Where: x = loop number

MISP0106 x appl The MISP audit detected that there was no response to a maintenance message originated by application “appl” on MISP x.

Where: x = loop number

appl = the application name

MISP0107x appl y The Meridian 1 was unable to determine if downloading was necessary. Three fields accompany this message: x = the MISP loop number, appl = the application name.

The third field (y) contains a value for design use only. An SDL error message should accompany this message and describe the reason for the failure.

MISP0108 x appl Application “appl” on MISP x needs to be downloaded to the card. Downloading begins as soon as there is no overlay loaded. Where: x = loop number

MISP0112 x MISP x has been reset in order to begin automatic recovery. Immediately following this message, the card is executing self tests. When they are finished, provided they pass, the Meridian1 will attempt to enable the card. Where: x = loop number

MISP0201 x appl MISP x sent a message to the Meridian 1 indicating application “appl” data space has been corrupted.

Where: x = loop number

appl = the application name.

MISP0202 x appl MISP x sent a message to the Meridian 1 indicating that application “appl” on the card unexpectedly disabled itself (performed a “close”).

Where: x = loop number

appl = the application name.

MISP0204 x appl The Meridian 1 searched the system disk to find a version of an application “appl” for MISP x, and found none.

Where: x = loop number

appl = the application name.

MISP0205 x appl y z An error was encountered when searching the system disk to find a version of application “appl” for MISP x.

Where: x = loop number

appl = the application name

y and z are for design use only

Action: Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

MISP0206 x appl y z An error was encountered when comparing a version of application “appl” on the system disk with a version on MISP x.

Where: x = loop number

appl = the application name

y and z are for design use only

Action: Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

MISP0207 x appl y z An error was encountered when downloading application “appl” to MISP x. Where: x = loop number

appl = the application name

y and z are for design use only

Action: Refer to an accompanying SDL error message for the exact error reason. The entire enable sequence has been aborted.

MISP0208 x When preparing to download the base software to MISP x, the card indicated that some kind of fatal error was encountered. Where: x = loop number.

Action: Execute selftests before attempting any other action regarding this card.

MISP0209 x y z Some memory was reclaimed within the MSDL for future use. An application on MSDL x requested that a buffer pool be freed. When this occurred, there was at least one outstanding buffer.

The basecode waited for the buffer(s) to be returned to the pool before freeing the buffers, but it never returned. The buffer pool was forcibly freed by the basecode. Where: x = MISP loop number. y and z are for design use only.

MISP0300 data The MISP background audit has changed the state of the card. In the cases where the card was previously enabled and now is no longer enabled, another MISP message will indicate the reason for the state change. When making a state transition due to a fatal error on the card, the reason for the fatal error is displayed in this message. This is an informational message and requires no action by the craftsperson.

Output data: MISP300 x FROM: aaaa TO: bbbb TIME time REASON cccc

Where:

x = MISP loop number (in decimal)

aaaa = the status of the MISP prior to the state change

bbbb = the state of the card after the state change

time = the time of the state change

cccc = reason for the error (only when “TO: SYS DSBL - FATAL ERROR")

MISP0301 x y z An expedited data unit (XDU) was received. The Meridian 1 is not expecting MISP x to generate any messages in its current state. However, immediately following a state transition to a disabled state, a pending message may cause this message to be displayed.

There is no specific action to be taken; however, the message indicates that the incoming message from the card was not processed due to the state change.

MISP0302 x y Access to the memory space shared by the Meridian 1 and the MISP (Shared RAM) has been momentarily suspended by MISP x. There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = loop number

y = the reason for the suspension

Currently the only reason supported is the value 1, indicating that some kind of buffer corruption was detected.

MISP0303 x y The Meridian 1 detected corruption in the receive ring, or the transmit ring, or both, causing access to the memory space shared by the Meridian 1 and MISP x (Shared RAM) to be momentarily suspended.

There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = loop number and y = a decimal number indicating where the corruption was detected.

1 = receive ring

2 = transmit ring

3 = both receive and transmit rings.

MISP0305 x y The Meridian 1 has received 100 or more messages from MISP x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer does not warrant removing the card from service.

Where: x = loop number

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second).

MISP0306 x y The Meridian 1 has received 100 or more messages from the MISP x within one second. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer warrants removing the card from service.

Where: x = loop number

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second).

MISP0307 x data MISP x encountered a fatal error. Where: x = loop number. The output data is information read from the card regarding the error and is intended for design use only.

MISP0308 x y appl da MISP x reported that it received a message with an invalid (bad) Socket ID. Where:

x = loop number

y = socket ID

appl = application name

data = up to eight words of hex data representing the message sent

MISP0451 <cardAddress> <cardIndex> <invalidCardstate> An invalid card state change request from the SL1 task has been detected by the MMIH driver.

Action: If the problem does not clear automatically, disable and then enable the card.

MISP0452 <cardAddress> <cardIndex> The MMIH driver failed to send an SSD message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

MISP0453 <cardAddress> <cardIndex> The MMIH driver failed to send an RFC message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or chec k for a system problem. If the condition persists contact your technical support group.

MISP0454 <cardAddress> <cardIndex> The MMIH driver failed to place a transmit expedited message in the expedited interface.

Action: Disable and then enable the MSDL/MISP card. If the problem persists, contact your technical support group.

MISP0455 <cardAddress> <cardIndex> The MMIH driver failed to send the Start UIPE Call Rebuild message through RFC to the SL1 task.

Action: The call rebuild operation for that MSDL will fail. If necessary disable and then enable the MSDL/MISP card. If the problem persists, contact your technical support group.

MISP0456 <blockSize> The MMIH driver failed when it allocated memory of the size blockSize for the buffer pool. The system is probably out of memory and cannot communicate with the MSDL/MISP cards.

Action: Contact your technical support group.

MISP0457 <first 16 words of msg> the MMIH has found a buffer in the Rx Ring messge queue with an expired timestamp. The SL1 application has not processed the buffer's content promptly or the SSD message to the SL1 task was lost. The buffer's timestamp is reset and the buffer is returned as a free buffer. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Check the traffic report. Excessive traffic can cause a delay in the core CPU.

MISP0458 <first 16 words of msg> The MMIH has found a buffer in the Tx Exp message queue with an expired timestamp. The message timed out while being sent to the card. The buffer is overwritten with the new message data. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Disable and then enable the card. If the problem persists replace the card.

MISP0459 The MMIH has found a null physical I/O block pointer. The I/O pointer is corrupted and will prevent the system from communicating with the MSDL/MISP cards.

Action: Contact your technical support group.

MISP0460 <cardIndex> The MMIH driver has found that the card index is out of range. The card index is corrupted and will prevent the system from communicating with the MSDL/MISP card.

Action: Contact your technical support group.

MISP0461 <cardAddress> <rtclock> <maintenancePegs> A query base code message was sent by the MMIH after finding the SRAM suspended. maintenancePegs is a list of peg counts kept by the card's maintenance task.

Action: Information only. If the problem persists disable and then enable the card.

MISP0462 <cardAddress> <rtclock> <msl1Pegs> This message is printed in series with MISP0461. msl1Pegs is a list of peg counts kept by the card's SL1 messaging interface task.

Action: Information only. If the problem persists disable and then enable the card.

MISP0463 <cardAddress> <rtclock> <debugPegs> This message is printed in series with MISP0462. debugPegs is a list of peg counts kept by the card's debug task.

Action: Information only. If the problem persists disable and then enable the card.

MISP0464 <cardAddress> <rtclock> <utilityPegs> This message is printed in series with MISP0463. utilityPegs is a list of pegs kept by the card's Layer 1 task.

Action: Information only. If the problem persists disable and then enable the card.

MISP0465 <cardAddress> <rtclock> <returnCode> This message is printed in series with MSDL0464. utilityPegs is a list of pegs kept by the card's utility task.

Action: Information only. If the problem persists, disable and then enable the card.

MISP0466 <cardAddress> <rtclock> <returnCode> The Interface Audit's polling message cannot be sent to the card's ring interface. The returnCode is the reason why the message has not been sent. The following returnCode values can appear:

0 - request failed (null message pointer , empty data socket)

1 - request succeeded

2 - no operation (invalid card state)

4 - flow control

5 - no buffer

6 - socket ID is suspended

7 - ring is not operational

8 - invalid socket ID

Action: Information only. If the problem persists disable and then enable the card.

MISP0467 <cardAddress> <cardIndex> <rtclock> The SRAM Suspend message cannot be sent to the card through the expedited interface in response to two or more no buffer conditions being detected in a timespan greater than 100 msec.

Action: Information only. If the problem persists disable and then enable the card or replace the card.

MISP0468 <cardAddress> <cardIndex> <rtclock> <returnCode> <socketId> <applicationID 'First 8 words of the msg'> The application's message cannot be sent to the ring and the reason code is other than no buffer.

socketID is the socket for the message to be sent.

applicationID identifies the transmitting application.

The first 8 words of the message are displayed in hex.

returnCode contains the actual value returned by the procedure and contains one of the following values.

0 - request failed (null message pointer, empty data socket).

1 - request succeeded

4 - flow control

5 - no buffer

6 - socket ID is suspended

7 - ring is not operational

8 - invalid socket ID

Action: Information only. If the problem persists disable and then enable the card.

MISP0469 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the transmit ring is in the interface full state.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MISP0470 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the card has not yet sent an initialization acknowledgement response.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MISP0471 <cardAddress> <cardIndex> <rtclock> <messageSize> A no buffer condition occurred because a single buffer message is larger than the size of a single buffer.

Action: Contact your technical support group. The buffer's data could be corrupted.

MISP0472 <cardAddress> <cardIndex> <rtclock> <messageSize> Insufficient buffers available in the transmit ring for the message.

Action: Check whether the traffic flow is excessive. If the problem persists, disable and then enable the card.

MISP0474 <cardAddress> <cardIndex> <rtclock> <socketId> <applicationId> <'First 8 words of the msg'> A no buffer condition has been encountered while attempting to send a message to the transmit ring. The first 8 words of the message are displayed in hex. The socketID is the socket for the message to be transmitted. The applicationID is the application sending the message.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MISP0475 <cardAddress> <cardIndex> <rtclock> <tempNoBufferCount total/NoBufferCount rtclockOfFirstNoBuffer> <'60 Tx descriptor words'>

This message is printed when the first line of corrective action (suspending the transmit ring) is taken. It displays the contents of the error detection variables and the descriptor words of all buffers in the transmit ring. It is printed in series with MSDL0476 and MSDL0477. The variables are:

tempNoBuffercount - number of consecutive no buffer occurrences since the last successful write to the transmit ring.

totalNoBufferCount - total number of no buffer occurrences for the card.

rtclockOfFirstNoBuffer - rtclock value at the time of the first no buffer occurrence following the last successful write to the transmit ring.

descriptor words - all 60 descriptor words are printed (in hex), six to a line.

Action: Information for debugging only. The problem will clear automatically. If this does not happen, disable and then enable the card.

MISP0476 <cardAddress> <cardIndex> <rtclock> <currentIndex descriptorBlockAddress> <bufferSize> <numberOfBuffers> <transmitRingAddress> <transmitRingState> This message displays pertinent variables kept by the MMIH driver for the transmit ring. It is printed in series with MSDL0475 and MSDL0477. The variables printed are:

currentIndex - the MMIH's current index into the transmit ring's buffers (head pointer)

descriptorBlockAddress - offset of the descriptor block in the SRAM.

bufferSize - size of the buffers in the transmit ring.

numberOfBuffers - number of buffers in the transmit ring.

transmitRingAddress - address of the transmit ring in the card's SRAM.

transmitRingState - current state of the transmit ring.

Action: Information for debugging only. Problem will clear automatically. If this does not happen, disable and then enable the card.

MISP0477 <cardAddress> <cardIndex> <rtclock> <'44 SRAM configuration block words'> This message displays the contents of the SRAM configuration block. It is printed in series with MSDL0457 and MSDL0476.

configuration words - all 44 descriptor words are printed (in hex), four to a line.

Action: Information for debugging only. Problem will clear automatically. If this does not happen disable and then enable the card.

Mobility

MOB Messages

MOB0000 Mobility System is initializing. Service will be available in a short period of time. Ignore {parm1}.

MOB0001 Mobility OAM task has restarted. {Ignore parm1}.

Action: Contact your technical support group.

MOB0002 Mobility MSP task has restarted. Ignore (parm1).

MOB0003 Message value passed for RFC call for system level messages is not supported. Ignore {parm1,2,3,4}.

Action: Contact your technical support group.

MOB0050 Mobility subsystem has been manually shutdown by the cellular operator. Mobility service is no longer available.

Action: Contact the cellular operator to determine the reason for the shutdown.

MOB0052 First scheduled keep-alive heartbeat was not received from the cellular operator. Mobility service is still available.

Action: Contact the cellular operator to determine the reason for the heartbeat failure.

MOB0053 Second scheduled keep-alive heartbeat was not received from the cellular operator. Mobility service is still available but will be disabled if another heartbeat failure occurs.

Action: Contact the cellular operator to determine the reasons for the heartbeat failure.

MOB0054 Mobility subsystem has been automatically shutdown due to a keep-alive heartbeat failure. Mobility service is no longer available.

Action: Contact the cellular operator to determine the reason for heartbeat failure.

MOB0100 Cannot enable the zone because there are no registered cells.

Action: Create a cell and assign it to the Zone.

MOB0101 Zone is locked from an Unlocked, Idle and Enabled state.

MOB0102 The zone could not register with a childcell as an usage state change client.

Action: Delete the cell and create it again. Also notify design.

MOB0103 Cell does not have any radios available to configure a CCH.

Action: Add a radio to the Cell.

MOB0104 Cell does not have a CCH.

Action: Control Channel Redundancy failed. If all radios are busy:

1. wait until calls on a radio ends

2. lock and unlock one of the radios to forcefully drop the calls and make the radio transmit on the CCH.

3. add one more radio to the cell.

MOB0105 CCH failed. Redundancy in progress. Self clearing alarm. If redundancy works, this alarm will be cleared. If the redundancy operation fails, this alarm will the cleared and (RESOURCE_MGMT, 102) will be raised.

MOB0106 Cell is locked from Active usage state. Any active cells were dropped.

MOB0107 Parent Zone is locked when the Cell was in Active state. Current operational state of cell is Disabled with Dependency.

MOB0108 Link deactivation failed.

Action: Lock the CCH radio.

MOB0109 Cell could not deregister as an usage state change client from the radio.

Action: Contact your technical support group.

MOB0110 Cell could not register with a radio as an usage state change client.

Action: Delete the radio and add it again. If the problem persists, contact your technical support group.

MOB0111 An insert of a HandOffPath into a Cells list failed.

Action: Delete the HandOffPath and add it again. If the problem persists contact your technical support group.

MOB0112 Cell is Locked/Shutdown from UIEwPartOfServicesLocked state.

MOB0113 Trying to register a radio having an unknown usage state with the cell.

Action: Delete the radio and add it back. Contact your technical support group if the problem persists.

MOB0114 Register as a radio client failure.

Action: Delete the radio and add it back. Contact your technical support group if the problem persists.

MOB0115 Unsupported radio capability.

Action: Check the radio capability. Delete the radio and add it back.

MOB0116 Registration with a radio as a state change client failed.

Action: Delete the radio and add it back. Contact your techniuport group.

MOB0117 Creation of M1 Port failed.

Action: Contact your technical support group.

MOB0118 Xcoder Card was not found in the XcoderCard List.

Action: Contact your technical support group.

MOB0119 Xcoder Tag was not found in the Xcoder Tag list.

Action: Contact your technical support group.

MOB0120 Xcoder Tag List is not empty during the destructor of Xcoder Allocator.

Action: Contact your technical support group.

MOB0121 Xcoder Card received an unknown message from the MXC.

Action: Contact your technical support group.

MOB0122 An invalid MXC function code was passed from MxcOam Server.

Action: Contact your technical support group.

MOB0123 CtsRadio does not have a valid MXC parent.

Action: Delete the radio and add it back.

MOB0124 Transceiver does not have a flash load.

Action: Download the radio.

MOB0125 Transceiver does not have a ROM load.

Action: Contact your technical support group.

MOB0126 Transceiver fault detected.

Action: Contact your technical support group.

MOB0127 Transceiver Flash load unknown.

Action: Contact your technical support group.

MOB0128 Transceiver ROM load unknown.

Action: Contact your technical support group.

MOB0129 CtsRadio Flash version mismatch.

Action: Decide whether to download the radio.

MOB0130 CtsRadio ROM version mismatch.

Action: Contact your technical support group.

MOB0131 Transceiver PEC not set.

Action: Contact your technical support group.

MOB0132 Locking Cts Radio.

Action: Contact your technical support group.

MOB0133 Shutting down Cts Radio.

Action: Contact your technical support group.

MOB0134 Cts Radio is being moved to another Cell.

MOB0135 Cts Radio tcmPort mismatch.

Action: Delete the radio and add it back.

MOB0136 Invalid capability length.

Action: Contact your technical support group.

MOB0137 Bind to a remote ORB object failed.

Action: Contact your technical support group.

MOB0138 Method invocation on a remote ORB object failed.

Action: Contact your technical support group.

MOB0139 A pointer (to a remote or local object/structure/simple data member) failed validation. Either zero or a NullProxy.

Action: Contact your technical support group.

MOB0140 Memory Allocation Error. A dynamic memory allocation failed.

Action: Contact your technical support group.

MOB0150 A DSP failed and could not be rebooted. The card may continue to work with decreased capacity provided other DSPs are still available.

Action: Reboot the card to restore full capacity.

MOB0151 All DSPs have failed. MXC card is no longer operational.

Action: Reboot card. If the problem persists, replace the card.

MOB0152 DSP configuration for TDMA 3 has failed.

Action: Reboot the card.

MOB0153 A DSP debugger has been started from the front panel DIN-8 connector. All calls in progress should be maintained but all new call requests will be rejected.

MOB0154 The DSP debugger has been exited.

MOB0155 Mismatch between basecode load and version file.

Action: Reboot the card. If the problem persists, verify proper installation of the MXC basecode.

MOB0156 Hardware Initialization Failure. Failed to initialize communication link with radios.

Action: Reboot the card. If the problem persists, replace the card.

MOB0157 Hardware Initialization Check Failure. Indicates a problem encountered during initialization, when a sanity check is performed by the radio link software, following a chip reset. One of the A31 internal registers, read by the software, was initialized with an invalid value. The A31 chip on the MXC card may be inoperational.

The error code indicates that one of the following A31 registers' initial value did not match the specified value:

02 MSTAT

03 ATEST

04 PRES

05 TBUF0

06 TBUF1

07 TBUF2

08 CONFI

09 IDLE

Action: Reboot the card. If the problem persists, replace the card.

MOB0158 Software Initialization Failure. The pSOS+ operating system was not able to allocate a memory segment for use by the radio link software.

Action: Reboot the card. If the problem persists, replace the card.

MOB0159 Software Initialization Failure. The pSOS+ operating system was not able to allocate a memory region for use by the radio link software.

Action: Reboot the card. If the problem persists, replace the card.

MOB0160 Software Initialization Failure. The pSOS+ operating system was not able to allocate a buffer partition from the memory segment used by the radio link software.

Action: Reboot the card. If the problem persists, replace the card.

MOB0161 Software Initialization Failure. The pSOS+ operating system failed in creating one or more radio link processes.

Action: Reboot the card. If the problem persists, replace the card.

MOB0162 Software Initialization Failure. The radio link software failed in the execution of one or more of its process (task) initialization routines.

Action: Reboot the card. If the problem persists, replace the card.

MOB0163 Software Initialization Failure. The pSOS+ operating system failed in starting one or more radio link processes.

Action: Reboot the card. If the problem persists, replace the card.

MOB0164 The radio link queue manager utility could not enqueue new buffers. The queue can hold up to 255 buffers.

Action: Reboot the card. If the problem persists, replace the card.

MOB0165 The pSOS+ operating system could not obtain a buffer from the buffer partition reserved for use by the radio link software. Error codes is a 4 bytes field which indicates the pSOS+ error code. This is not for NT use only.

Action: Reboot the card. If the problem persists, replace the card.

MOB9997 This is an SL1 mobility debug message. It should not be output unless NT support personnel are debugging.

Action: Contact your technical support group.

MOB9998 This is a mobility debug message. It should not be output unless NT support personnel are debugging.

Action: Contact your technical support group.

MOB9999 An undocumented mobility event was reported.

Action: Contact your technical support group.

Meridian Packet Handler

MPH messages

MPH0000	No error on interface operation.
MPH0001	Invalid info pointer passed to MPH_MAINT.
MPH0002	Invalid TEI.
MPH0003	Invalid loop.
MPH0004	Invalid protected loop pointer.
MPH0005	Invalid unprotected loop pointer.
MPH0006	Invalid unprotected interface pointer.
MPH0007	No MPH application.
MPH0008	Invalid interface type.
MPH0009	Invalid interface index.
MPH0010	Invalid interface timeslot.
MPH0011	Invalid message ID.
MPH0012	MPH Loop is disabled.
MPH0013	MPH application is disabled.
MPH0014	MPH interface maintenance activity in progress.
MPH0015	Unable to obtain a Call Register for MPH maintenance.
MPH0016	Invalid MPH maintenance progress marker.

MPH0017	Time out: MPH maintenance activity has taken too long.
MPH0021	No buffer available to send message.
MPH0022	Unable to send message.
MPH0023	Interface is not in manual disabled state.
MPH0024	Invalid MPH maintenance sub-progress marker.
MPH0025	Interface is in manual disabled state.
MPH0030	The interface TN is undefined.
MPH0031	Invalid interface state change.
MPH0032	Build interface dedicated connection failed.
MPH0033	MPH maintenance message timeout.
MPH0035	Invalid interface maintenance request.
MPH0036	Unable to send message to MISP.
MPH0037	Error indication received: interface enable/disable failed.
MPH0041	Download interface data failed.
MPH0042	Download interface data timeout.
MPH0043	Unable to download.
MPH0045	Download TSP data failed.
MPH0046	Download TSP data timeout.
MPH0047	Download DNA Table failed.
MPH0048	Download DNA Table timeout.
MPH0049	Download D-ch TSP data timeout.
MPH0050	Download D-ch TSP data failed.
MPH0061	D-ch interface enable timeout.
MPH0062	D-ch interface enable failed.

MPH0063	D-ch interface disable timeout.
MPH0064	D-ch interface disable failed.
MPH0200	Unsolicited response for DCH/BCH term state update.
MPH0201	Indication message received for maintenance pending message.
MPH0202	Conference message received for maintenance pending message.
MPH0203	Indication message received for clear maintenance pending message.
MPH0204	Conference message received for clear maintenance pending message.
MPH0205	Response message for state update message for undefined IF.
MPH0206	Response message for status request message for undefined IF.
MPH0207	Indication message for status request message.
MPH0208	Conference message for status request message.
MPH0209	Response message for error log upload request.
MPH0210	Unsolicited response for NWIF, SAPI16 IF state change.
MPH0215	Received indication message for audit request message.
MPH0300	MPH application data has downloaded.
MPH0301	L2 protocol has downloaded.
MPH0302	L3 protocol has downloaded.
MPH0303	Interface Data has downloaded.
MPH0304	MPH TSP data has downloaded.
MPH0305	PVC data has downloaded.
MPH0306	DNA data has downloaded.
MPH0307	TFC data has uploaded.
MPH0308	Indication message received for DSL LAPD table number change message.

Message Registration Block

MRB messages are output in response to commands or prompts/responses related to the Message Registration feature.

MRB messages

MRB0028	The unit to be tested is not message waiting PBX type.
MRB0029	The unit to be tested is not idle.
MRB0030	The unit to be tested is not lamp equipped.
MRB0900	Wrong number of input fields to prompt'FUNT'.
MRB0901	Unable to match input with stored mnemonics for prompt.
MRB0910	Wrong number of input fields for prompt'REQ' when function'MRBK','CRST', or'DISP' has been invoked.
MRB0911	Unable to match input with stored mnemonics.
MRB0912	WARNING: Unprotected data store below safety limit.
MRB0913	WARNING: Protected data store below safety limit.
MRB0920	Wrong input type for prompt DBGN, BFNO.
MRB0921	MR data block number out-of-range (0-99).
MRB0922	Block already exists.
MRB0923	Block does not exist.
MRB0930	Wrong input type for prompt DLST, LSRM.

MRB0931	Entry for prompt DN out-of-range (0-99).
MRB0932	Last room number illegal (0-99).
MRB0940	Wrong input type for prompt DN, RMNO.
MRB0941	DN or room number out of assigned range.
MRB0950	Input parameter must be between 0 and 24, inclusive.
MRB0951	Input parameter must be between 0 and 7, inclusive.
MRB0952	CRT/TTY has not been allocated for MR in the configuration record.
MRB0961	Enter parameter between 0 and 31, inclusive.
MRB0962	Customer does not have any MR blocks allocated.
MRB0963	Password does not have access to this customer data.
MRB0971	Enter parameter between 0 and 31 inclusive.
MRB0980	Wrong number of input fields to prompt'all'.
MRB0981	Unable to match input with stored mnemonics for prompt'all'.
MRB0990	Wrong input data type.
MRB0991	Number of input characters greater than four.

Multi-purpose Serial Data Link

The MSDL provides 4 ports for applications such as

— ISDN Primary Rate D-channel (DCH)

— Application Module Link (AML)

— Input/output devices (TTY)

The MSDL messages report problems with the MSDL card and its applications. MSDL commands are provided in LD 37, LD 48, and LD 96.

MSDL messages

MSDL0001 The number of parameters for the MSDL command is incorrect.

MSDL0002 The card number in the command is out-of-range or invalid.

MSDL0003 Since this command is only valid for use on the MSDL card in this Overlay, the first parameter must be MSDL.

MSDL0004 Cannot reset the card (or execute self-tests) right now because the card is not in Manually Disabled state (MAN DSBL).

MSDL0005 Failed to reset; could not write command to card. Card is probably not present, or the (address) switch settings on the card do not agree with the database.

MSDL0006 Cannot enable the card unless it is in Manually Disabled (MAN DSBL) state.

MSDL0007 Cannot disable card unless it is in the Enabled (ENBL) state.

MSDL0008 Cannot reset the card (or execute self-tests) on the card right now since the device enabled bit is set, meaning a message response is currently pending.

Action: Attempt the self test command again; when the response pending

condition clears, as long as the card is Manually Disabled, the reset (and self tests) should execute.

MSDL0011 No response received to the enable card command.

MSDL0012 The response message from the card to the Overlay indicates failure to enable/ disable.

MSDL0014 No response received to the disable card command. The card is set to the Manually Disabled (MAN DSBL) state anyway.

MSDL0015 The command entered requires that a message be sent to the MSDL. The Meridian 1 was unable to build the message since the buffer was not free. Try again later. If this message continues to be generated, then:

Action: If the card is enabled, wait for a few minutes, as the card may have encountered a problem that warrants recovery, or if the card is manually disabled, reset the card using the RST MSDL x command, or execute self tests using the SLFT MSDL x command.

MSDL0016 Failed enable attempt. If this message is not accompanied by any other error message, the card may be in the process of performing self-tests or the self-tests may have already failed.

Action: Wait a few minutes, then execute the self-tests with the SLFT MSDL x command. If self-tests pass, try to enable the card again.

MSDL0017 At least one of the ports on the MSDL is currently enabled. Disabling the card is disallowed when ports are enabled unless the DIS MSDL x ALL command is used.

MSDL0018 The fourth parameter of the command is unrecognized or unimplemented.

MSDL0019 The command entered required that information be read from the MSDL. The specified MSDL is not present in the system, and the information could not be read.

MSDL0020 The command entered required that the application information block on the MSDL be read by the Meridian 1. The block is currently being updated by the MSDL, and the system could not read the block.

Action: Try again.

MSDL0021 Began to download the MSDL basecode but stopped before finishing. There should be an accompanying SDL error message, so refer to the information on that message for the failure reason.

MSDL0022 The rest of the information output in response to this command is resident on the card. The card is not enabled, and the information cannot be read.

MSDL0024 The Meridian 1 began to download an MSDL application but stopped before finishing.

Action: Refer to the information in the accompanying SDL error message.

MSDL0025 There is currently maintenance activity on the application in question.

Action: Wait a few minutes and try again.

MSDL0026 Disabling the MSDL when the active TTY is supported by it is not allowed.

MSDL0027 Time out waiting for the self tests to complete.

Action: Wait at least five minutes, then try again.

Under certain unusual circumstances, self-tests can take approximately five minutes; however, this should only occur when the flash EPROM on the card is new or has been completely erased.

MSDL0028 Cannot enable the card because it is not present in the system.

Action: If the card in question is believed to be present, check if the switch settings on the card agree with the device number entered in this command.

MSDL0029 Incorrect password entered in response to the ENL MSDL x DBG command.

MSDL0030 The debug option for this card has already been turned on.

MSDL0031 The ENL MSDL x ALL command is only valid when the MSDL is in the ENBL or MAN DSBL state.

MSDL0032 The MSDL card was removed from its slot, or the card reset itself during the self-tests.

Action: If the card was removed, execute the self-tests again and do not remove the card from its slot until the tests are complete. If the card was not removed, execute the self-tests again. If this message appears more than twice, replace the MSDL card.

MSDL0033 Device locked by the Russian Call Monitoring feature. The MSDL card cannot be enabled or disabled.

Action: Contact your technical support group.

MSDL0100 x The CSTAT and CSUBSTAT fields on MSDL x indicate the card is Manually Disabled. The Meridian 1 believes the card is Enabled. The card is placed in the System Disabled - Self- tests Passed state, and within the next few minutes, the Meridian 1 will attempt to enable the card.

MSDL0101 x The CSTAT field on MSDL x indicates the card is no longer Enabled. The Meridian 1 will attempt to return the card to an Enabled state within a few minutes. Under certain conditions, this message is output at the same time as MSDL302.

MSDL0102 x No response was received from MSDL x to a background polling message sent periodically to each MSDL card. The purpose of this message is to ensure that the card is capable of receiving and sending messages.

MSDL0103 x An Overlay was waiting for a message from MSDL x. Most likely, the Overlay is no longer loaded. The message the Overlay was waiting for was never received.

MSDL0104 x The MSDL background audit sent a message to MSDL x, and did not receive a response.

MSDL0105 The CSTAT value read from the MSDL is invalid. This indicated one of two error conditions:

1. The card has encountered a severe hardware fault so that it is unable to report the error to the Meridian 1.

2. There may be multiple cards in the system with the same device number (switch settings) as the MSDL. When the CSTAT is read from the MSDL, it may not be the MSDL card that is responding.

Action: Be sure no other cards in the system share the device number. If so, change the device numbers. If not, replace the card.

MSDL0106 x appl The MSDL audit detected that there was no response to a maintenance message originated by an application (appl) on MSDL x.

MSDL0107 x appl y The Meridian 1 was unable to determine if downloading was necessary. An SDL error message should accompany this message and describe the reason for the failure. Three fields accompany this message: x = device number (LD 17 DNUM), appl = the application name, and y is for design use only.

MSDL0108 x appl An application on MSDL x needs to be downloaded to the card. Downloading begins as soon as there is no Overlay loaded. Where: x = device number (LD 17 DNUM) and appl = the application name.

MSDL0112 x MSDL x has been reset in order to begin automatic recovery. Immediately following this message, the card is executing self tests. When they are finished, provided they pass, the Meridian 1 will attempt to enable the card. Where: x = device number (LD 17 DNUM).

MSDL0201 x appl MSDL x sent a message to the Meridian 1 indicating an application data space has been corrupted. Where: x = device number (LD 17 DNUM) and appl = the application name.

MSDL0202 x appl MSDL x sent a message to the Meridian 1 indicating that an application on the card unexpectedly disabled itself (performed a “close”). Where: x = device number (LD 17 DNUM) and appl = the application name.

MSDL0204 x appl The Meridian 1 searched the system disk to find a version of an application for MSDL x and found none.

Where: x = device number (LD 17 DNUM)

appl = the application name.

MSDL0205 x appl y z An error was encountered when searching the system disk to find a version of an application for MSDL x. Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

MSDL0206 x appl y z An error was encountered when comparing a version of an application on the system disk with the version on MSDL x.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application if a version exists on the card.

MSDL0207 x appl y z An error was encountered when downloading an application to MSDL x. Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. The entire enable sequence has been aborted.

MSDL0208 x When preparing to download the base software to MSDL x, the card indicated that some kind of fatal error was encountered. Where: x = device number (LD 17 DNUM).

Action: Execute self-tests before attempting any other action regarding this card.

MSDL0209 x y z Some memory was reclaimed within the MSDL for future use. An application on MSDL x requested that a buffer pool be freed. When this occurred, there was at least one outstanding buffer. The basecode waited for the buffer(s) to be returned to the pool before freeing the buffers, but it never returned. The buffer pool was forcibly freed by the basecode.

Where: x = device number (LD 17 DNUM)

(y and z are for design use only).

MSDL0210 Failed to enable the MSDL for one of the following reasons:

The card in question is not an MSDL card. For example, there may be a card in the system with switch settings that correspond to the MSDL, but is in fact not an MSDL card.

There is at least one other card in the system with switch setting identical to the MSDLs.

Action: Remove the card with the same device number as the MSDL.

MSDL0211 An attempt to enable the T1E1 application during ENLL, timed out.

Action: RST TMDI in overlay 96 and then try again.

MSDL0212 The TMDI card could not enable the T1E1 application.

Action: RST TMDI in overaly 96 and then try again.

MSDL0213 The T1E1 application is in a transient stte and could note be enabled.

Action: Wait and then try ENLL again.

MSDL0214 A request to enable the DTI port has failed.

Action: RST TMDI in overlay 96 and then try again.

MSDL0215 A request to disable the DTI port on the TMDI failed.

Action: RST TMDI in overlay 96 and then try again.

MSDL0300 data The MSDL background audit has changed the card state. In the cases where the card was previously enabled and now is no longer enabled, another MSDL message will indicate the reason for the state change. When making a state transition due to a fatal error on the card, the reason for the fatal error is displayed in this message. This is an informational message and requires no action by the craftsperson.

Output data: MSDL300 x FROM: aaaa TO: bbbb TIME time REASON cccc

Where:

x = MSDL card number (in decimal)

aaaa = the status of the MSDL prior to the state change

bbbb = the state of the card after the state change

time = the time of the state change

cccc = reason for the error (only when “TO: SYS DSBL - FATAL ERROR”)

MSDL0301 x y z An expedited data unit was received. The Meridian 1 is not expecting MSDL x to generate any messages in its current state. However, immediately following a state transition to a disabled state, a pending message may cause this message to be displayed. This informational message indicates that the incoming message from the card was not processed due to the state change. No action is required.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

MSDL0302 x y Access to the memory space shared by the Meridian 1 and the MSDL (Shared RAM) has been momentarily suspended by MSDL x. There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = device number (LD 17 DNUM) and y = the reason for the suspension. Currently the only reason supported is the value “1,” which indicates that some kind of buffer corruption was detected.

MSDL0303 x y The Meridian 1 detected corruption in either the receive ring or the transmit ring or both, causing access to the memory space shared by the Meridian 1 CPU and MSDL x (Shared RAM) to be momentarily suspended.

Take no action because of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = device number (LD 17 DNUM) and y = a decimal number indicating where the corruption was detected. 1 means receive ring, 2 means transmit ring, and 3 means both receive and transmit rings.

MSDL0304 x y The Meridian 1 received 100 or more messages from MSDL x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of service does not warrant removing the card from service.

Where:

x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 in terms of messages per second.

MSDL0305 x y The Meridian 1 received 200 or more messages from MSDL x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer does not warrant removing the card from service.

Where: x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)

MSDL0306 x y The Meridian 1 has received 300 or more messages from MSDL x within one second. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer warrants removing the card from service.

Where: x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)

MSDL0307 x data MSDL x encountered a fatal error. Where: x = device number (LD 17 DNUM). The data following x is information read from the card regarding the error and is intended for design use only.

MSDL0308 x y appl data MSDL x reported that it received a message with an invalid (bad) socket ID.

Where:

x = device number (LD 17 DNUM)

y = the socket ID appl = the application name

data = up to eight words of hex data representing the message sent

MSDL0309 The TMDI output buffer is still in queue.

Action: Try the operation again, or RST TMDI in overlay 96.

MSDL0310 The TMDI output has not been sent to the card.

Action: Try the operation again or RST TMDI in overlay 96.

MSDL0450 When an SDI port is configured on an MSDL and the Meridian 1 initializes, it may be discovered, during initialization, that the MSDL basecode or SDI application needs to be downloaded. If so, there will be a period of time following the INIT (1 to 5 minutes) where the SDI port will not function. The port automatically enables itself once downloading has completed.

MSDL0451 <cardAddress> <(cardIndex)> <invalidCardstate> An invalid card state change request from the SL1 task has been detected by the MMIH dxriver.

Action: If the problem does not clear automatically, disable and then enable the card.

MSDL0452 <cardAddress> <cardIndex> The MMIH driver failed to send an SSD message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

MSDL0453 <cardAddress> <cardIndex> The MMIH driver failed to send an RFC message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

MSDL0454 <cardAddress> <cardIndex> The MMIH driver failed to place a transmit expedited message in the expedited interface.

Action: Disable and then enable the MSDL/MISP card. If the problem persists contact your technical support group.

MSDL0455 <cardAddress> <cardIndex> The MMIH driver failed to send the Start UIPE Call Rebuild message through RFC to the SL1 task.

Action: The call rebuild operation for that MSDL will fail. If necessary, disable and then enable the MSDL/MISP card. If the problem persists contact your technical support group.

MSDL0456 <blockSize> The MMIH driver failed when it allocated memory of the size blockSize for the buffer pool. The system is probably out of memory and cannot communicate with the MSDL/MISP cards.

Action: Contact your technical support group.

MSDL0457 <first 16 words of msg> The MMIH has found a buffer in the Rx Ring message queue with an expired timestamp. The SL1 application has not processed the buffer's content promptly or the SSD message to the SL1 task was lost. The buffer's timestamp is reset and the buffer is returned as a free buffer. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Check the traffic reports. Excessive traffic casn cause a delay in the core CPU.

MSDL0458 <first 16 words of msg> The MMIH has found a buffer in the Tx Exp message queue with an expired timestamp. The message timed out while being sent to the card. The buffer is overwritten with the new message data. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Disable and then enable the card. If the problem persists replace the card.

MSDL0459 The MMIH has found a null physical I/O block pointer. The I/O pointer is corrupted and will prevent the system from communicating with the MSDL/MISP cards.

Action: Contact your technical support group.

MSDL0460 <cardIndex> The MMIH driver has found that the card index is out of range. The card index is corrupted and will prevent the system from communicating with the MSDL/MISP cards.

Action: Contact your technical support group.

MSDL0461<cardAddress rtclock maintenancePegs> A query base code message was sent by the MMIH after finding the SRAM suspended. maintenancePegs is a list of peg counts kept by the card's maintenance task.

MSDL0462 <cardAddress rtclock Msl1Pegs> This message is printed in series with MSDL0461. msl1Pegs is a list of peg counts kept by the card's SL1 messaging interface task.

Action: Information only. If the problem persists disable and then enable the card.

MSDL0463 <cardAddress rtclock debugPegs> This message is printed in series with MSDL0462. debugPegs is a list of peg counts kept by the card's debug task.

Action: Information only. If the problem persists disable and then enable the card.

MSDL0464 <cardAddress rtclock utilityPegs> This message is printed in series with MSDL0463. utilityPegs is a list of pegs kept by the card's utility task

Action: Information only. If the problem persists disable and then enable the card.

MSDL0465 <cardAddress rtclock layer1Pegs> This message is printed in series with MSDL0464. layer1Pegs is a list of pegs kept by the card's Layer 1 task.

Action: Information only. If the problem persistrs disable and then enable the card.

MSDL0466 <cardAddress rtclock returnCode> The Interface Audit's polling message cannot be sent to the card's ring interface. The returnCode is the reason why the message has not been sent. The following returnCode values can appear:

0-request failed (null message pointer, empty data socket)

1-request succeeded

2-no operaton (invalid card state)

4-flow control

5-no buffer

6-socket ID is suspended

7-ring is not operational

8-invalid socket ID

Action: Information only. If the problem persists, disable and then enable the card.

MSDL0467 <cardAddress> <cardIndex> <rtclock> The SRAM Suspend message cannot be sent to the card through the expedited interface in response to two or more no buffer conditions being detected in a timespan greater than 100 msec.

Action: Information only. If the problem persists disable and then enable the card, or replace the card.

MSDL0468 <cardAddress> <cardIndex> <rtclock> <returnCode> <socketId application> <'First 8 words of the msg'> The application's message cannot be sent to the ring and the reason code is other than no buffer.

socketID is the socket for the mssage to be sent

applicationID identifies the transmitting application

The first 8 words of the message are displayed in hex

returncode contains the actual value returned by the procedure and contains one of the following values:

0-request failed (null message pointer, empty data socket)

1-request succeeded

4-flow control

5-no buffer

6-socket ID is suspended

7-ring is not operational

8-invalid socket ID

Action: Information only. If the problem persists disable and then enable the card.

MSDL0469 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the transmitting ring is in the interface full state.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MSDL0470 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the card has not yet sent an initialization acknowledgement response.

Action: Check whether the traffic flow is excessive. If the problem persists, disable and then enable the card.

MSDL0471 <cardAddress> <cardIndex> <rtclock messageSize> A no buffer condition occurred because a single buffer message is larger than the size of a single buffer.

Action: Contact your technical support group. The buffer's data could be corrupted.

MSDL0472 <cardAddress> <cardIndex> <rtclock messageSize> Insufficient buffers available in the transmit ring for the message.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MSDL0474 <cardAddress> <cardIndex> <rtclock> <socketId application> <'First 8 words of the msg'> A no buffer condition has been encountered while attempting to send a message to the transmit ring. The first 8 words of the mssage are displayed in hex.

The socketID is the socket for the message to be transmitted

The applicationID is the application ID of the application sending the message

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MSDL0475 <cardAddress><cardIndex><rtclock> <tempNoBufferCount> <rtclockOfFirstNoBuffer> This message is printed when the first line of corrective action (suspending the transmit ring) is taken. It displays the contents of the error detection variables and the descriptor words of all buffers in the transmit ring. It is printed in series with MSDL0476 and MSDL0477. The variables are:

tempNoBufferCount - number of consecutive no buffer occurrences since the last successful write to the transmit ring.

totalNoBufferCount - total number of no buffer occurrences for the card.

rtclockOfFirstNoBuffer - rtclock value at the time of the first no buffer occurrence following the last successful write to the transmit ring.

descriptor words - all 60 descriptor words are printed (in hex), six to a line.

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

MSDL0476 <cardAddress> <cardIndex>< rtcloc>k currentIndex> <descriptorBLockAddress> <bufferSize> <numberOfBuffers> <transmitRing Address> <transmitRingState> This message displays pertinent variables kep by the MMIH driver for the transmit ring. It is printed in series with MSDL0475 and MSDL0477. The variables printed are:

currentIndex - the MMIH's current index into the transmit ring's buffers (head pointer)

descriptorBlock Address - offset of the descrtiptor block in the SRAM

bufferSize - size of the buffers in the transmit ring

numberOfBuffers - number of buffers in the transmit ring

transmitRingAddress - address of the transmit ring in the card's SRAM

transmitRingState - current state of the transmit ring

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

MSDL0477 <cardAddress> <cardIndex> rtclock '44SRAM configuration Block words' This message displays the contents of the SRAM configuration block. It is printed in series with MSDL0475 and MSDL0476.

- configuration words - all 44 descriptor words are printed (in hex), four to a line.

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

MSDL0485 The Meridian 1 received 200 ore more messages from the MSDL port. Port put into Lockout for overload protection.

Action: Identify the cause of the problem. Manually disable the AML, SDI or DCH configured on the MSDL port with one of the following commands: DIS AML x; for an AML link, DIS TTY x for an SDI or DIS DCH x; for a D-channel. Enable the port with one of the following commands: ENL AML x; for an AML Link, ENL TTY x; for an SDI or ENL DCH x: for a D-channel.

Multigroup Switch Replacement (LD 39)

The Multigroup Switch Replacement Diagnostic (LD 39) applies to multigroup systems equipped with Generic X37. The Multigroup Switch Diagnostic provides a means of:

— Determining the status of any Peripheral Signaling (PS), Multigroup Switch (MGS), Multigroup Extender (MGE) or Multigroup Control (MGC) pack

— Disabling and enabling any PS, MGS, MGE or MGC pack

— Switching the system clock from one MGC to another

MSR messages

MSR0000 Program 39 identifier. Indicates that the program has been loaded into the memory Overlay area.

MSR0001 Illegal character in command.

Action: Check data and re-enter command.

MSR0002 Wrong number of input parameters for command.

Action: Check data and re-enter command.

MSR0003 Illegal command.

Action: Check data and re-enter command.

MSR0004 Group out-of-range.

Action: Check data and re-enter command.

MSR0010 Command ignored since an active input device would be disabled.

Action: Abort program and begin again.

MSR0015 Loop Loop specified does not respond. During ENPS command an attempt is made to re-enable all loops associated with PS pack.This message indicates which loops could not be re-enabled.

Action: Check network packs indicated, i.e., enable switch and cable.

MSR0018 Only one DISI allowed at a time per category, i.e., one each of DISI MGS, DISI MGC.

Action: Use DIS command to finish disabling or END command to stop.

MSR0020 Specified peripheral signaling pack out-of-range.

Packs 0 to 9 only are allowed.

MSR0021 Specified peripheral signaling pack not responding.

Action: Check enable switch on pack. If pack still does not respond, a fault is indicated.

MSR0022 Peripheral signaling pack already enabled. No action.

MSR0025 Cannot determine which CPU is active. Indicates either a bus 0 fault or a faulty changeover pack which must be repaired before continuing.

Action: Clear fault.

MSR0026 n A peripheral signaling interrupt fault is present. n is the faulty peripheral signaling pack. If 0 pack is identified, cannot determine the fault source. No PS packs may be enabled while this fault exists.

MSR0027 A fault in the outgoing signaling circuitry has been detected on the PS pack being examined.

Action: Replace pack.

MSR0029 Customer nonexistent. Verify data. CMIN ALL will clear all monitor alarms.

MSR0030 MGE is out-of-range. Only 0 to 19 allowed.

MSR0032 MGE specified is already enabled.

MSR0033 System clock must be switched before proceeding.

Action: Enter SCLK command.

MSR0040 MGS is out-of-range. Only 0 to 9 allowed.

MSR0041 Multigroup switch specified is not responding.

Action: Verify that pack is seated properly and switched to ENABLE.

MSR0042 Multigroup switch specified is already enabled.

MSR0043 DISI MSG command completed. Pack can now be serviced.

MSR0050 Multigroup control specified is out-of-range. 0 to 1 is allowed.

MSR0051 Multigroup control specified is not responding.

Action: Verify that pack is seated properly and switched to ENABLE.

MSR0052 Multigroup control specified is already enabled.

MSR0053 DISI MGC command completed. Pack can now be serviced.

MSR0054 Idle CPU must be switched in for active CPU before proceeding.

Action: Load SCPU command. Reload LD 32.

MSR0060 n System clock n cannot be switched in to replace present clock. MGC n is faulty.

MSR0061 n list System clock N cannot be switched in because loss of service will result to the PS packs specified. List is composed of either single numbers or pairs separated by a '-', e.g., MSR061 : 0-1 2 4-5 or MSR061 : 1 4-5.

Action: Refer to Tables 20-D or 20-E to determine which packs may be at fault.

MSR0070 Specified equipment could not be enabled due to the network extender being disabled.

Action: Use LD 35 to enable extender before proceeding.

Message Waiting Lamps Reset (LD 61)

The Message Waiting Lamps Reset program (LD 61) can be invoked automatically by the system as part of the daily routines or manually from an input device. It is used to deactivate all active Message Waiting lamps on user stations and reset the associated status in the system. Problems are identified in MWL messages.

The program does not reset lamp status unless all message center sets are out-of-service. For instance, the message center is closed and attendants are in Night Service.

This program cannot be applied to digital sets.

When LD 61 is loaded manually, 'G' is entered to initiate the task.

MWL messages

MWL0000 Program has been loaded.

MWL0001 Invalid command.

Action: Re-enter the command.

MWL0002 Cannot deactivate MW lamps until all MC agents out-of-service.

Action: Take all MC out-of-service if possible.

MWL0003 Cannot deactivate MW lamps until all attendants in Night Service.

Action: Take all MC attendants out-of-service. Operate night key.

MWL0500 dn tn The TN specified has been flagged as having a faulty lamp. The unit status has been set to normal.

Action: Check the lamp(s) visually or by using LD 32 PBXT command.

Network Automatic Call Distribution

The NACD messages are output in the following format: NACDxxx c d t r

Where:

c = customer number
d = source ACD-DN for which the request was made
t = 0 for the Night table; t = 1 for the Day table
r = Remote target ID

NACD messages

NACD0001 No memory available for the Source Tables. A data base request was received that could not be honored because of insufficient memory.

Action: Memory capacity can be increased in LD 29.

NACD0002 c d t r Timeout occurred while attempting the data base request.

1. Link failure between nodes.
2. Network congestion during peak traffic time.
3. Target DN does not exist
4. Request messages have been lost

NACD0003 c d t r Transaction successful. The Remote Target ACD-DN can now receive rerouted calls, depending on the queue status at the Target node.

NACD0004 c d t r Transaction denied. The ACD network application is not supported at the Target node specified.

NACD0005 c d t r Transaction denied. The Target does not have enough memory, or does not exist.

NACD0006 c d t r Transaction denied. Protocol failed at the far-end. Possible that the system has Initialized.

NACD0007 c d t r Transaction aborted. Cannot find the proper D-channel to send the request.

NACD0008 c d t r Transaction aborted. Cannot find the transaction number for the system.

NACD0009 c d t r Transaction aborted. The system cannot build the origination number.

NACD0010 c d t r Transaction failed. The system cannot send the required messages.

NACD0011 c d t r A data base Accept message was received for the Target entry in a Table that no longer exists. The Table/DN information follows.

NACD0012 c d t r A data base Delete message was received.

NACD0013 c d t r A data base request was sent.

NACD0014 c d t r This node is unable to communicate with the Source node. This ACD-DN's Target entry is not registered at the Source node's routing table.

Action: Remove this entry and re-enter the correct Target ACD-DN in the Source node's routing table.

Network Call Trace

Network Call Trace is available in X11 Release 17 and later. This feature traces network calls and diagnoses network problems. When a network call is blocked, trace data is output indicating the reason the call was blocked and the X11 software procedure responsible.

A network call can be traced by dialing a SPRE code and the NCT feature code (9912) before the network number. When this is done, call setup and status information is output to the system terminal as the call tandems through the network. The trace information is output to the all system terminals designated in LD 17 as ADAN = TTY and USER = MTC.

NCT provides the following types of information.

— the route used

— the facility accessed

— the routing control imposed

— the call-blocked location

There are two Network Call Trace functions: 01 and 02. They output different information as shown in the following sections.

Configuring Network Call Trace

To configure Network Call Trace, login to the system and:

— enter “NCT” in response to prompt RCAP in LD 17 for each D-channel (only required when the remote end is a Meridian 1 with X11 Release 17 or later)

— enter “CLTA” in response to prompt CLS in LD 10 or LD 11 to allow a telephone to trace calls

Tracing a call

A call can be traced from any attendant console or a telephone with CLTA Class of Service (CLS). To trace a call, dial:

SPRE + 9912 + xx + yyy...

Where:

SPRE = special function access code (defined in LD 15)
9912 = NCT feature code
xx = call trace function (01, 02)
yyy... = digits normally dialed for the network call

Dial tone is provided after "xx" is dialed.

Trace function 01

This Call Trace function provides the common information related to ESN routing. It is the recommended function. The call trace data for function 01 is:

```
**** NCT xx ****
 <switch specific data>
 --- OUT ---
 <outgoing data>
 --- IN ---
 <incoming data>
 --- STATE ---
 <call state>
```

Where xx is the Call Trace ID for a traced call. The output data depends on the type of call and can be:

CAUSE xxxx — call reject cause

CREF xxxx — call reference number

DCH — D-channel number

DGT xxxxx... — outgoing: digits outpulsed

DGT xxxxx... — state: digits received (NODE=TBD), or digits dialed when the call is rejected (STAT=REJ

DN xxs — DN of ringing set

ENT xx — entry in the outgoing route list

FCI **x** — free calling area index

FRL **x** — facility restriction level

IFC xxx — outgoing D-channel interface (LD 17 prompt IFC)
D100 = Meridian DMS-100
D250 = Meridian DMS-250
ESS4 = AT&T ESS4
ESS5 = AT&T ESS5
SL1 = Meridian SL-1
S100 = Meridian SL-100
SS12 = Norwegian SYS-12
AXEA = AXE-10 (Australia)
UNKN = unknown data received

LOC xxxx — call reject software location

MODE xxx — outgoing termination
ALOG = analog trunk
DTI = digital trunk interface - 1.5 Mb/s
DTI2 = digital trunk interface - 2.0 Mb/s
ISL = ISDN Signaling Link
PRA = Primary Rate Interface
UNKN = unknown data received

NCOS xx — Network Class of Service

NODE xxxx — type of node:

ORIG = originating node
TAND = intermediate node (tandem)
TERM = terminating node
TBD = node to be determined

RLI xxx — ESN outgoing route list index

RLS xx xx — software release, issue number of node switch

RTE xxx — incoming or outgoing route number

SID xxxx — system identification (LD 17)

STAT xxxx — call state, where xxxx can be:
ANS = call answered
BUSY = termination busy
DIAL = call state is dialing (mainpm)
ERR = error detected in this message
OPULSE = digit outpulsing
PROC = call proceeding through this node (tandem)
REJ = call rejected or blocked
REOR = call state is dialing (mainpm)
RING = call ringing
SEIZ = trunk seized

STYP xx — terminating station type
500 = single line telephone (LD 10)
BCS = multi-line telephone (LD 11)
ATT = attendant console (LD 12)

TKTP TIE,COT,WAT... — incoming or outgoing trunk type

TKTN loop ch, l s c u — incoming or outgoing B-channel, ISL trunk TN

TOD x — time of the day schedule

TYP I,E —Initial/Extended set

XLT NPA,NXX,LOC... — ESN translation type

Example 1: Successful call with trace function 01

In this example, the following digits are dialed from a phone at TN 0 0 5 1:

1+9912++01+78+6000

Where:

1 = SPRE (defined in LD 15)
9912 = NCT feature code
01 = call trace function 01
78 = PRI route access code (ACOD)
6000 = remote extension

The resulting trace information is output on the maintenance terminal:

**** NCT # 22 ****
NODE ORIG (SL1)
SID 0
RLS 17 53
--- OUT ---
TNS 0 0 5 1
DCH 5
IFC SL1
CREF 22
MODE PRA
RTE 24
TKTP TIE
TKTN 18 22
DGT 6000
--- STATE ---
STAT PROC

```
**** NCT # 22 ****
NODE ORIG (SL1)
SID 0
RLS 17 53
--- OUT ---
DCH 5
RTE 24
TKTP TIE
TKTN 18 22
DGT 6000

--- STATE ---
STYP BCS
DN 6000
STAT RING
```

Example 2: Unsuccessful call with trace function 01

In this example, the same call is made as in example 1, but in this case the D-channel is down.

The resulting trace information is output on the maintenance terminal:

```
**** NCT # 22 ****
NODE ORIG (SL1)
SID 0
RLS 17 53
--- OUT ---
TNS 0 0 5 1
MODE UNKN
--- STATE ---
DGT 786000
STAT REJ
LOC 99
```

Trace function 02

Call Trace function 02 provides the information from the active (main) call register, the incoming call state, and the outgoing call state (if any). Trace function 02 is intended as a debugging tool for system designers.

The information output by function 02 includes:

NODE ORIG,TAND,TERM,TBD
SID xxxx — system identifier
RLS xx xx — release of software, issue number of node
TNS l s c u — TN of the originating set
CREF xxxx — call reference number

Incoming call:

ISTATPM **x** — incoming state progress mark
ITRKPM **x** — incoming trunk progress mark
LOC xxxx — location code

Outgoing Call:

OSTATPM **x** — outgoing state progress mark
OTRKPM **x** — outgoing trunk progress mark
LOC xxxx — location code

Main Call Register:

Word 0 — MainPM/AuxPM
Word 1 — CRlink
Word 2 — Queue_In
Word 3,4 — Son_Types/Processes
Word 5 — Aux_CRlink
Word 6 — OrigType/TerType
Word 7 — TTR_TN
Word 8 — OrigTN
Word 9 — TerTN
Word 10 — CallFwdTN
Word 11 — DISA_Call/XFER_indication
Word 12,13 — CR_Dialled_DN
Word 14 — Digitload/Digitunload
Word 15-20 — digits

Feature requirements

Network Call Trace is limited to basic ISDN PRI/ISL calls across Meridian 1 private networks.

NCT collects information only during initial call setup. It does not report on further call modification, such as Call Transfer.

Network call information is lost and the call trace ceases when any of the Meridian 1 nodes in which the call is being traced is initialized or any of the D-channels fails.

Although NCT requires PRI or ISL, calls can be traced to nodes without NCT, DTI and analog trunks. However, only the local node information is provided. Trunk types not supported: ADM, AWU, DIC, MDM, MUS, PAG, RAN, RLM and RLR.

Call Trace information is still output if the call is blocked before the trunk is seized. If queuing (Ring Again, CBQ or OHQ) is available for the call, then the original call trace function is activated when the call is offered to the user.

When a remote SL-1 without NCT capability receives a Call Trace message, then no call trace information is returned.

NCT messages

NCT0001 Procedure INIT_NARS_FEATUR fails (i.e., return value is.FALSE). Module: NARS. Procedure: NARS_MODULE.

NCT0002 Procedure NARS_TIMESLICE fails (i.e., return value is.FALSE). Module: NARS. Procedure: NARS_MODULE.

NCT0003 Invalid NARS translation - case 0 of CASE statement. Module: NARS. Procedure: NARS_TRANS.

NCT0004 Number of digits Š maximum level of translator - case 2 of CASE statement. Module: NARS. Procedure: NARS_TRANS.

NCT0005 Incomplete translation but “#” has been dialed - case 2 of CASE statement. Module: NARS. Procedure: NARS_TRANS.

NCT0006 “#” has been dialed before all the expected digits have been received. Module: NARS. Procedure: NARS_GET_EXP_DGT.

NCT0007 “#” has been dialed in the middle of all the expected digits received. Module: NARS. Procedure: NARS_GET_EXP_DGT.

NCT0008 Invalid translation type - case 0 of CASE statement. Module: NARS. Procedure: NARS_EXAM_DATA.

NCT0009 Translation type is Local Steering Code - case 8 of CASE statement. Module: NARS. Procedure: NARS_EXAM_DATA.

NCT0010 Translation type 12 is not defined - case 12 of CASE statement. Module: NARS. Procedure: NARS_EXAM_DATA.

NCT0011 HNPA was dialed in a previous translation. Module: NARS. Procedure: NARS_LOC_RTE_IND.

NCT0012 LOCATION LDN block does not exist. Module: NARS. Procedure: NARS_LOC_RTE_IND.

NCT0013 The SDR block does not exist. Module: NARS. Procedure: NARS_LOC_RTE_IND.

NCT0014 Incoming trunk group exclusion (ITGE) has blocked the call. Module: NARS. Procedure: NARS_LOC_RTE_IND.

NCT0015 A match of the restricted code was not found, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.

NCT0016	A match of the restricted code was not found, but STRK blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0017	A match of the restricted code was found. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0018	A match of distant recognized DID code was found, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0019	A match of distant recognized DDD code was found, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0020	A match of incoming trunk group exclusion digits was found, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0021	A match of incoming trunk group exclusion digits was found, but there is no ITEI. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0022	LDID with incorrect SDR type. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0023	No SDRR entry, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0024	NARS_HNPA_FLAG is set which implies that translation tables have been switched previously. Module: NARS. Procedure: NARS_BARS_HNPA.
NCT0025	NARS_HNPA_FLAG is set which implies that translation tables have been switched previously. Module: NARS. Procedure: NARS_HLOC_CODE.
NCT0026	Accessing a network speed call list is not allowed or the speed call list is not a valid one. Module: NARS. Procedure: NARS_SPEED_CALL.
NCT0027	DNTRANS is incomplete, but NARS_EOD_FLAG is set. Module: NARS. Procedure: NARS_CDP_HOME.
NCT0028	Route type is not TIE/ADM/MOD 500 - a sub-procedure of NARS_CDP_HOME. Module: NARS. Procedure: CHECK_FOR_CO.
NCT0029	Invalid DNTRANS for CDP home code - a sub-procedure of NARS_CDP_HOME. Module: NARS. Procedure: BLOCK_THE_CALL.
NCT0030	Redirection counter has exceeded the threshold for ISDN call. Module: NARS. Procedure: INITIAL_ROUT_SEL.
NCT0031	Network Authcode Last has been activated. Module: NARS. Procedure: INITIAL_ROUT_SEL.

NCT0032	TCAP cannot find a D-channel in any of the routes. Module: NARS. Procedure: TCAP_ROUTE_SEL.
NCT0033	TRO_FIND_RTE failed for initial set of routes. Module: NARS. Procedure: TRO_ROUTE_SEL.
NCT0034	TRO_FIND_RTE failed for the extended set of routes. Module: NARS. Procedure: TRO_ROUTE_SEL.
NCT0035	TRO_FIND_RTE shows all trunks are busy. Module: NARS. Procedure: TRO_ROUTE_SEL.
NCT0036	AMP_MOD failed for data calls. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0037	A data call tries to access an analog trunk without AMP package, or an analog trunk being accessed via AMP non-ADCP or no ADM trunk route in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0038	An ADM route is accessed but the call is forwarded. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0039	Call is queued on the initial set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0040	Call is waiting for EOD on the I-set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0041	Call is waiting for more digits for FCAS on the I-set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0042	No routes are available on the extended set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0043	Call has been queued on the extended set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0044	Call is waiting for EOD on the extended set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0045	Call is waiting for more digits for FCAS on the extended set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0046	ETN trunk has not received enough digits. Module: NARS. Procedure: ROUTE_SELECTION.

NCT0047	INIT_RL_PTR fails - cannot set up route list pointers. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0048	TNTRANS fails on ORIGTN. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0049	INIT_RL_PTR fails. Module: NARS. Procedure: OHQ_TIMEOUT.
NCT0050	SET_RL_ENTRY_PTR fails. Module: NARS. Procedure: NARS_TRK_SEIZED.
NCT0051	INIT_RL_PTR fails. Module: NARS. Procedure: NARS_TRK_SEIZED.
NCT0052	NARS_LDN_CONV fails for LOC. Module: NARS. Procedure: TERMINATION.
NCT0053	To conventional main and recognized DID to dumb main and digit manipulation fails. Module: NARS. Procedure: TERMINATION.
NCT0054	Digit manipulation fails. Module: NARS. Procedure: TERMINATION.
NCT0055	INIT_ENTRY_PTRS fails. Module: NARS. Procedure: TDET_TERMINATION.
NCT0056	The pointer to the TDET entry for SCC type of calls is NIL. Module: NARS. Procedure: TDET_TERMINATION.
NCT0057	NARS_PM=.NARS_ACCESS, but NARS_OCTO_FLAG is not set. Module: NARS. Procedure: NARS_EOD_TO.
NCT0058	NARS_PM=.NARS_TRANS, not all digits have been received but the timeout has occurred or it is an ETN call. Module: NARS. Procedure: NARS_EOD_TO.
NCT0059	Redirection counter has exceeded the threshold for ISDN call. Module: DIGPR. Procedure: TRUNKTER.
NCT0060	Satellite history call cannot access another satellite route. Module: DIGPR. Procedure: TRUNKTER.
NCT0061	An incoming ISDN PRA/ISL call failed B.C. compatibility checking. Module: DIGPR. Procedure: TRUNKTER.
NCT0062	Invalid AMP call. Module: DIGPR. Procedure: TRUNKTER.
NCT0063	To access an ISA route directly is not allowed. Module: DIGPR. Procedure: TRUNKTER.
NCT0064	64kbps data call cannot access a non-PRA facility. Module: DIGPR. Procedure: TRUNKTER.

NCT0065	DTI2 VOD call type is not allowed on the route dialed. Module: DIGPR. Procedure: TRUNKTER.
NCT0066	Data call is not allowed on the route accessed. Module: DIGPR. Procedure: TRUNKTER.
NCT0067	Voice call is not allowed on the route accessed. Module: DIGPR. Procedure: TRUNKTER.
NCT0068	Attendant has busied out the RAN route - call is intercepted to attendant. Module: DIGPR. Procedure: TRUNKTER.
NCT0069	TGAR restriction on the RAN route. Module: DIGPR. Procedure: TRUNKTER.
NCT0070	AWR trunk is not a mntdevice or AWR route is not in the CDB. Module: DIGPR. Procedure: TRUNKTER.
NCT0071	Route is not an outgoing route or an AWR route. Module: DIGPR. Procedure: TRUNKTER.
NCT0072	Trunk list block does not exist or URDATA block does not exist. Module: DIGPR. Procedure: TRUNKTER.
NCT0073	ALL_RTS_DENIED for the route with ISA option. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0074	ALL_RTS_DENIED for B-channel route or ISL route. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0075	NCRD blocked the trunk to trunk access for CFNA/CFB to a network DN. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0076	SEARCH_ROUTE found one idle trunk but it is blocked. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0077	SEARCH_ROUTE found two idle trunks but both are blocked. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0078	SEARCH_ROUTE found no idle trunks. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0079	SEARCH_ROUTE found attendant has busied out the route. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0080	SEARCH_ROUTE found access is denied on the route. Module: DIGPR. Procedure: TRUNK_HUNT.

NCT0081	Unprotected route data block does not exist. Module: GLOB4. Procedure: SEARCH_ROUTE.
NCT0082	Service route pointer is NIL for the ISA route. Module: GLOB4. Procedure: SEARCH_ROUTE.
NCT0083	ISA route pointer is NIL for the service route. Module: GLOB4. Procedure: SEARCH_ROUTE.
NCT0084	Trunk list block pointer is NIL (i.e., block does not exist). Module: GLOB4. Procedure: SEARCH_ROUTE.
NCT0085	SET_PRI2_PTRS fails. Module: GLOB4. Procedure: GET_TRUNK.
NCT0086	(PRI2_NNC_STATE) or (PRI2_NNDC_STATE and data call). Module: GLOB4. Procedure: GET_TRUNK.
NCT0087	SET_DTI2_PTRS fails. Module: GLOB4. Procedure: GET_TRUNK.
NCT0088	(DTI2_NNC_STATE) or (DTI2_NNDC_STATE and data Call). Module: GLOB4. Procedure: GET_TRUNK.
NCT0089	Far-end is maintenance busy or disabled for B-channel/ISL trunk. Module: GLOB4. Procedure: GET_TRUNK.
NCT0090	B-channel/ISL trunk is in “restart” or “forced disconnect” state. Module: GLOB4. Procedure: GET_TRUNK.
NCT0091	ADM/MODEM pair is busy. Module: GLOB4. Procedure: GET_TRUNK.
NCT0092	Number of data calls has exceeded the limit specified in the DLOOP. Module: GLOB4. Procedure: GET_TRUNK.
NCT0093	Access to the trunk is not allowed - check ACCESS_ALLOWED. Module: GLOB4. Procedure: GET_TRUNK.
NCT0094	ANI_NO_CR_TONE. Module: GLOB4. Procedure: GET_TRUNK.
NCT0095	SPEECHPATH failed (i.e., no network timeslot available). Module: GLOB4. Procedure: GET_TRUNK.
NCT0096	Have tried searching for idle trunks twice and still was blocked. Module: GLOB4. Procedure: GET_TRUNK.
NCT0097	Have tried searching for idle trunks once and was blocked. Module: GLOB4. Procedure: GET_TRUNK.

NCT0098	Trunk is busy (i.e., active cr is non-NIL). Module: GLOB4. Procedure: GET_TRUNK.
NCT0099	MAINT_TNTRANS failed on the trunk TN. Module: GLOB4. Procedure: GET_TRUNK.
NCT0100	No idle trunks are found. Module: GLOB4. Procedure: GET_TRUNK.
NCT0101	Code restriction blocks the call from a TLD set. Module: GLOB4. Procedure: INITIATE_B_CH.
NCT0102	Call is blocked for CDR_OUT_TOLL in RDB from a non-TLD set. Module: GLOB4. Procedure: INITIATE_B_CH.
NCT0103	ISDN (.REQ_CALL_INIT) failed. Module: GLOB4. Procedure: INITIATE_B_CH.
NCT0104	GET_TTR_TRK_PATH failed. Module: GLOB4. Procedure: TTR_SATISFIED.
NCT0105	NARS call and no access. Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0106	Huntsteps is neither 30 nor 31 and no access. Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0107	SECOND_SEARCH=.ATTN_BUSY_ROUTE and NOT_ATTN_BUSY. Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0108	NOT_ATTN_BUSY. Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0109	Not NOT_ATTN_BUSY (i.e., Attendant busied out the route). Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0110	ANI has lost its SON CR after calling ANI module. Module: GLOB4. Procedure: TRUNK_SEIZE_INIT.
NCT0111	ESN signaling failed - SIGNAL_MODULE. Module: ISDN. Procedure: OUTG_CALL_INIT.
NCT0112	DCH not established or DCH_L_WAIT non-zero and DCH not in polling state. Module: ISDN. Procedure: OUTG_CALL_INIT.
NCT0113	No channel number. Module: ISDN. Procedure: OUTG_CALL_INIT.
NCT0114	INIT_MSG_CR failed - return value is.FALSE. Module: ISDN. Procedure: OUTG_CALL_INIT.

NCT0115	ASSIGN_REFNUM failed - return value is.FALSE. Module: ISDN. Procedure: OUTG_CALL_INIT.
NCT0116	No MSGCR can be allocated. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0117	Incoming PRA/ISL does not have a MSGCR. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0118	Incompatible bearer capability for PRA/ISL incoming call. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0119	Incompatible bearer capability for non-PRA/ISL incoming call. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0120	TNTRANS failed on ORIGTN (TRK). Module: ISDN. Procedure: INIT_MSG_CR.
NCT0121	Bearer capability is not allowed for the terminating switch. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0122	NSF is not supported for the trunk type - CCSA, DID, CO to DMS. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0123	SET_ROUTE_PTRS failed. Module: ISDN. Procedure: ENBLOC_DIALING.
NCT0124	Not all expected number of digits have been received, but PRA_EOD_FLAG is set. Module: ISDN. Procedure: ENBLOC_DIALING.
NCT0125	Not all expected number of digits have been received, but PRA_EOD_FLAG is set. Module: ISDN. Procedure: PROC_NOT_SURE.
NCT0126	Service route (associated with ISA route) pointer is NIL. Module: ISDN. Procedure: DO_DGT_ANALYSIS.
NCT0127	No digit has been dialed, but PRA_EOD_FLAG is set - “#” dialed. Module: ISDN. Procedure: DO_DGT_ANALYSIS.
NCT0128	PRA_EOD_FLAG is set, but the single digit is not 0. Module: ISDN. Procedure: ONE_DIGIT.
NCT0129	PRA_EOD_FLAG is set, but digit translation is not.EXACT#_KNOWN. Module: ISDN. Procedure: TWO_DIGITS.
NCT0130	PRA_EOD_FLAG is set, the first digit is 0 but digit translation is not.EXACT#_KNOWN. Module: ISDN. Procedure: THREE_DIGITS.

NCT0131	PRA_EOD_FLAG is set, the first digit is 1 but digit translation is not.CANT_DETERM. Module: ISDN. Procedure: THREE_DIGITS.
NCT0132	PRA_EOD_FLAG is set, but not all expected number of digits are received.
NCT0133	An invalid interface ID is encountered in the route data block. Module: ISDN. Procedure: INV_IFC_PRBPTR.
NCT0134	SET_ROUTE_PTRS failed. Module: ISDN. Procedure: TERMINATE.
NCT0135	NCT is not invoked to the next node due to (1) it is not an SL-1 switch, or (2) an SL-1 switch does not have NCT software. Module: NETT. Procedure: RCAP_NCT.
NCT0136	SEARCH_ROUTE has found one idle trunk, but it was blocked. Module: ISDN. Procedure: TERMINATE.
NCT0137	SEARCH_ROUTE has found two idle trunks, but both were blocked. Module: ISDN. Procedure: TERMINATE.
NCT0138	SEARCH_ROUTE found no idle trunks. Module: ISDN. Procedure: TERMINATE.
NCT0139	SEARCH_ROUTE found that attendant has busied out the route. Module: ISDN. Procedure: TERMINATE.
NCT0140	SEARCH_ROUTE returned that access to the route is denied. Module: ISDN. Procedure: TERMINATE.
NCT0141	SET_ROUTE_PTRS failed. Module: ISDN. Procedure: ENBLOC_TIMEOUT.
NCT0142	Second dialtone timeout or barge-in timeout has occurred. Module: ISDN. Procedure: ENB_EVENTS_TO.
NCT0143	Second timeout has occurred and the expected number of digits are not collected. Module: ISDN. Procedure: EXACT_#_TO.
NCT0144	Timer expires, but not all expected number of digits are collected. Module: ISDN. Procedure: NOT_SURE_TO.
NCT0145	Procedure ISA_TRK_CHECK returned a.FALSE value. Module: ISDN. Procedure: RCV_SETUP.
NCT0146	MIN_MAX_CHK returned a.FALSE value for NSF =YES. Module: ISDN. Procedure: RCV_SETUP.

NCT0147	SET_ROUTE_PTRS failed for ISA route. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0148	Service route is not applicable to AXE-10, SYS-12 interfaces. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0149	Service route is not applicable to an invalid interface ID. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0150	SVC_RTE_OK failed. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0151	Service route has not been configured - ISA_SERV_RTE = H.FFFF. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0152	SRV_RTE_PTR is NIL. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0153	DMS_ISA_TRK_COMP returned a.FALSE value. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0154	No trunk compare and MIN/MAX check for invalid interface ID. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0155	SID table does not exist. Module: ISDN. Procedure: FIND_DMS_SVC_RTE.
NCT0156	ISA service route pointer = NIL in the SID table. Module: ISDN. Procedure: FIND_DMS_SVC_RTE.
NCT0157	ISA service route number does not exist (=.NULL_ROUTE_NO). Module: ISDN. Procedure: FIND_DMS_SVC_RTE.
NCT0158	The numbering plan of the Called Party Number is unknown for non-NSF. Module: ISDN. Procedure: FIND_DMS_SVC_RTE.
NCT0159	The service route block pointer is NIL. Module: ISDN. Procedure: FIND_ESS_SVC_RTE.
NCT0160	ISA service route number does not exist (=.NULL_ROUTE_NO). Module: ISDN. Procedure: FIND_ESS_SVC_RTE.
NCT0161	ESN signaling module failed. Module: ISDN. Procedure: INC_TERMINATE.
NCT0162	64kc Bearer Capability call tries to terminate to a non-data DN/non-SL-1 DN/non-Trunk DN/non-NARS DN/non-DISA DN. Module: ISDN. Procedure: BC_COMPATIBLE.

NCT0163	64kr Bearer Capability call tries to terminate to a non-data DN/non-SL-1 DN/non-Trunk DN/non-NARS DN/non-DISA DN. Module: ISDN. Procedure: BC_COMPATIBLE.
NCT0164	56kBearer Capability call tries to terminate to a non-data DN/non-SL-1 DN/non-Trunk DN/non-NARS DN/non-DISA DN. Module: ISDN. Procedure: BC_COMPATIBLE.
NCT0165	At the originating switch, only trunk calls can be accessed by Network Call Trace. Module: DIGPR. Procedure: DNTRANS.
NCT0167	Procedure BC_COMPATIBLE failed. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0168	Incoming call termination, mainpm =.IDLE. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0169	Incoming call termination, mainpm =.READY. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0170	Incoming call termination, mainpm =.BUSY. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0171	Incoming call termination, mainpm =.REORDER. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0172	Incoming call termination, mainpm =.DELAY_DIALING. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0173	Incoming call termination, mainpm =.WINKON. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0174	Incoming call termination, mainpm =.HALFDISCONNECT. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0175	Incoming call termination, mainpm =.SPECIAL. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0176	Incoming call termination, mainpm =.CDR. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0177	Incoming call termination, mainpm =.CAS_INFO_TONE. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0178	Incoming call termination, mainpm =.RLA_CONF_DISC. Module: ISDN. Procedure: IN_SETUP_MSG.

NCT0179 Incoming call termination, mainpm =.CAS_HOLD. Module: ISDN. Procedure: IN_SETUP_MSG.

NCT0180 Incoming call termination, mainpm =.OBSERVE_PM. Module: ISDN. Procedure: IN_SETUP_MSG.

NCT0181 Incoming call termination, mainpm =.AAB_DISCONNECT. Module: ISDN. Procedure: IN_SETUP_MSG.

NCT0182 Incoming call termination, mainpm is greater than.MAX_MAINPM. Module: ISDN. Procedure: IN_SETUP_MSG.

NCT0183 Terminating side is not a trunk. Module: ISDN. Procedure: PRA_DIALING.

NCT0184 Source =.PRA_DISC, but MSG_CR is NIL. Module: PRA. Procedure: PRA_HANDLER.

NCT0185 Procedure SET_DCH_PTRS failed. Module: PRA. Procedure: PRA_HANDLER.

NCT0186 DCH is not the active one, or DCH is in switchover waiting state and not polling state. Module: PRA. Procedure: DL_DATA_CREF.

NCT0187 Protocol Discriminator is not 00001000. Module: PRA. Procedure: DL_DATA_CREF.

NCT0188 Message type is a SETUP message but reference flag is 0 (for all interfaces other than ESS4 and ESS5). Module: PRA. Procedure: DL_DATA_CREF.

NCT0191 The channel is either MBSY, or far-end is out-of-service and no channel negotiation. Module: PRA. Procedure: SL1_CH_CHK.

NCT0192 Alternate channel was found, but TNTRANS failed. Module: PRA. Procedure: INC_CH_NEGO.

NCT0193 Alternate channel was not found. Module: PRA. Procedure: INC_CH_NEGO.

NCT0196 The trunk is neither a B-channel nor it is an ISL trunk. Module: PRA. Procedure: LINK_MSGCR.

NCT0197 Cannot assign a call reference number in the call reference table. Module: PRA. Procedure: LINK_MSGCR.

NCT0198 TNTRANS failed and PRA_CH_NO = 0 and CLEAR_GLARE_CH. Module: PRA. Procedure: LINK_MSGCR.

NCT0199	TNTRANS failed, PRA_CH_NO ¦ 0 and PRA STATEPM = NULL STATE. Module: PRA. Procedure: LINK_MSGCR.
NCT0200	TNTRANS failed, PRA_CH_NO ¦ 0 and PRA STATEPM ¦ NULL STATE. Module: PRA. Procedure: LINK_MSGCR.
NCT0201	SET_ROUTE_PTRS failed on the ISA route. Module: PRA. Procedure: MIN_MAX_CHK.
NCT0202	ISA active calls Š ISA maximum allowed. Module: PRA. Procedure: MIN_MAX_CHK.
NCT0203	ISA active calls Š ISA B-channels reserved. Module: PRA. Procedure: MIN_MAX_CHK.
NCT0204	MSG length Š 261 octets. Module: PRAUT. Procedure: I_SETUP.
NCT0205	IE length = 0. Module: PRAUT. Procedure: BEARER_CAP.
NCT0206	Coding standard is not CCITT standard (octet 3). Module: PRAUT. Procedure: BEARER_CAP.
NCT0207	Extension bit is not set in octet 3. Module: PRAUT. Procedure: BEARER_CAP.
NCT0208	Xfer mode ¦ 00, or Information Xfer Rate ¦ 10000 (octet 4). Module: PRAUT. Procedure: I_BC_SPEECH.
NCT0209	Xfer mode ¦ 00, or Information Xfer Rate ¦ 10000 (octet 4). Module: PRAUT. Procedure: I_BC_3_1KHZ.
NCT0210	Octet 5 ¦ Mu Law or ¦ G.711 A Law (for SYS-12, AXE-10). This is applicable to Speech or 3.1k Hz Bearer Capability only. Module: PRAUT. Procedure: CHECK_LAW.
NCT0211	Xfer mode ¦ 00, or Information Xfer Rate ¦ 10000 in octet 4. Module: PRAUT. Procedure: I_BC_64K.
NCT0212	Coding error for 64KR for DMS/ SL1/SL100, 64KC for ESS4/ESS5, 56K for SYS-12/AXE-10. Module: PRAUT. Procedure: I_BC_64K.
NCT0213	Protocol ID ¦ Rate Adaption (00001) for 56K (octet 5). Module: PRAUT. Procedure: I_BC_64K.
NCT0214	Layer ID ¦ Layer 1 (001) for 56K (octet 5). Module: PRAUT. Procedure: I_BC_64K.

NCT0215	Extension bit is set for octet 5. Module: PRAUT. Procedure: I_BC_64K.
NCT0216	Rate is not 0001111 - octet 5a. Module: PRAUT. Procedure: I_BC_64K.
NCT0217	Extension bit is not set. Module: PRAUT. Procedure: I_BC_64K.
NCT0218	Extension bit is not set on DMS/ SL1/SL100 interfaces. Skip 4a, 4b and extension bit is not set for the next IE on ESS4/ESS5 interface. Error on SYS-12/AXE-10. Module: PRAUT. Procedure: ALLOW_EXT_4A_4B.
NCT0219	Bearer Capability is not supported. Module: PRAUT. Procedure: BC_CAP_ERROR.
NCT0220	IE length = 0. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0221	Octet 3 coding error - not 101001 for DMS, not 100001 for SYS-12/ AXE-10. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0222	Extension bit is not set in octet 3. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0223	Extension bit is not set in octet 4. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0224	Channel type ¦ 0011 (B-channel units) in octet 5. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0225	Extension bit is not set in octet 5. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0226	Extension bit is not set in octet 6 - applicable to ESS4/ESS5/SYS-12. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0227	PRA_CH_NO in MSGCR ¦ the “calculated” channel number. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0228	IE length = 0. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0229	Coding standard ¦ CCITT Std, or National Std (for SYS-12) in octet 3. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0230	Failed General Location checking in octet 3. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0231	Extension bit is not set in octet 3. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0232	Failed Progress Description checking in octet 4. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0233	Extension bit is not set in octet 4. Module: PRAUT. Procedure: PROGRESS_IND.

NCT0234	IE length = 0. Module: PRAUT. Procedure: NTWK_SPEC_FAC.
NCT0235	Total length of IE greater than IE length received in the IE itself. Module: PRAUT. Procedure: NTWK_SPEC_FAC.
NCT0236	IE length = 0. Module: PRAUT. Procedure: CALLING_PTY_#.
NCT0237	Extension bit is not set in octet 3a. Module: PRAUT. Procedure: CALLING_PTY_#.
NCT0238	Total length of IE greater than IE length received in the IE itself. Module: PRAUT. Procedure: CALLING_PTY_#.
NCT0239	IE length = 0. Module: PRAUT. Procedure: CALLED_PTY_#.
NCT0240	Extension bit is not set in octet 3. Module: PRAUT. Procedure: CALLED_PTY_#.
NCT0241	IE length = 0. Module: PRAUT. Procedure: ORIG_CALLED_#.
NCT0242	Extension bit is not set in octet 3c. Module: PRAUT. Procedure: ORIG_CALLED_#.
NCT0243	Total length of IE greater than IE length received in the IE itself. Module: PRAUT. Procedure: ORIG_CALLED_#.
NCT0244	IE length = 0. Module: PRAUT. Procedure: REDIRECTING_#.
NCT0245	Extension bit is not set in octet 3b. Module: PRAUT. Procedure: REDIRECTING_#.
NCT0246	Total length of IE greater than IE length received in the IE itself. Module: PRAUT. Procedure: REDIRECTING_#.
NCT0247	IE length = 0. Module: PRAUT. Procedure: TRANS_NTWK_SEL.
NCT0248	IE length = 0. Module: PRAUT. Procedure: FACILITY_IE.
NCT0249	BRIT Channel Id IE has a null length.
NCT0250	Wrong value of extension bit in BRIT Channel Id IE.
NCT0251	Invalid encoding in BRIT Channel Id IE.
NCT0252	Message received with a Channel Id different from the expected value.
NCT0253	ISDN call can only be flagged as PRI or BRIT call.

NCT0254	Source =.PRA_DISC, but MSG_CR is NIL. Module: BRIT. Procedure: BRIT_HANDLER
NCT0255	Protocol Discriminator is not 00001000. Module: BRIT. Procedure: DL_DATA_CREF.
NCT0256	Message type is a SETUP message but reference flag is 0. Module: BRIT. Procedure: DL_DATA_CREF.
NCT0257	The channel is either MBSY, or far end is out of service and no channel negotiation. Module: BRIT. Procedure: SL!_CHK.
NCT0258	Alternate channel was found, but TNTRANS failed. Module: BRIT. Procedure: INC_CH_NEGO
NCT0259	The trunk is not a B-channel. Module: BRIT. Procedure: LINK_MSGCR.
NCT0260	TNTRANS failed and PRA_CH_NO = 0. Module: BRIT. Procedure: LINK_MSGCR.
NCT0261	TNTRANS failed, PRA_CH_NO = 0 and PRA_STATEPM = NULL STATE. Module: BRIT. Procedure: LINK_MSGCR.
NCT0262	NTRANS failed, PRA_CH_NO = 0 and PRA_STATEPM = NULL STATE. Module: BRIT. Procedure: LINK_MSGCR.
NCT0274	In PTU_CHECK_OK, no trunks available for non-priority users. Procedure: GET_TRUNK in SEARCH_ROUTE.
NCT0275	No trunks available. Module: PTU. Procedure: ACOD_FIRST_CHECK.
NCT0276	No trunks available for non-priority users. Module: PTU. Procedure: ACOD_SECOND_CHECK.
NCT0277	No trunks available; ATB bit set. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.
NCT0278	No trunks available; idle trunk counter = 0. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.
NCT0279	No trunks available; route is attendant busied. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.
NCT0280	No trunks available; no trunks are defined on the route. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.

NCT0281	No trunks available for non-priority users. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.
NCT0282	Incoming VNS - no VDN available.
NCT0283	Incoming VNS - no CR available.
NCT0284	Incoming VNS - problem is assigning a reference number
NCT0285	Incoming VNS - problem to set the customer data pointers
NCT0286	Outgoing VNS - problem to set the customer data pointers.
NCT0287	Outgoing VNS - no VDN available.
NCT0288	Outgoing VNS - the maximum number of VNS calls for the route list entry has been reached.
NCT0289	Outgoing VNS - the maximum number of VNS calls to the VNS D-channel has been reached.
NCT0290	VNS NWQ call - something wrong at the creation of the NARS CR.
NCT0291	VNS NWQ call - no CR available for NARS.
NCT0292	VNS call fails to terminate to the NACD agent reserved.

Network and Peripheral Equipment Diagnostic (LD 32)

NPR messages

NPR0000 LD 32 program identifier.

NPR0001 Illegal character in command.

Action: Check data and re-enter command.

NPR0002 Wrong number of input parameters for command.

Action: Check data and re-enter the command.

NPR0003 Illegal command.

Action: Check data and re-enter command.

NPR0004 Loop or group parameter out-of-range.

Action: Check data and re-enter the command.

NPR0005 Shelf parameter out-of-range. Unit 0 to 3 only are allowed.

Action: Check data and re-enter the command.

NPR0006 Card parameter out-of-range.

NPR0007 Unit parameter out-of-range.

NPR0008 Command is valid from SL-1 maintenance set only. Cannot outpulse from a TTY. See trunk diagnostic program or use SL-1 maintenance set.

NPR0009 Unit requested is not a trunk.

Action: Check data tables for terminal device. Input command STAT L S C.

NPR0010 Command ignored since an active input device would be disabled.

Action: Abort program and input again from TTY.

NPR0011 Requested pack is no longer busy and has been disabled. Indication that the DISI L S C command has been completed.

NPR0012 Requested trunk is busy.

Action: Try again later.

NPR0013 A serious data error has been detected.

Action: Contact supplier for further assistance.

NPR0014 Seizure of a RAN or AIOD trunk is not allowed by this program.

NPR0015 Specified loop not responding.

Action: Check enable switch on pack. If fault exists, suspect network, CPU, network extender or PS packs.

NPR0016 Loop already enabled. No action.

NPR0017 Specified loop is a tone and digit switch.

Action: Use LD 34 to enable/disable it.

NPR0018 A DISI command is still pending. Only one request allowed at a time.

Action: Enter END to cancel last DISI and enter new DISI command.

NPR0019 Carrier Remote superloop (LCI) did not respond to the request to disable/enable the RTE superloop.

Action: Ensure that the LCI is installed and that the H / W disabled switch on its faceplate is in the enabled position.

NPR0020 Specified PS card out of range. Cards 1 to 10 only are allowed.

NPR0021 Specified PS card not responding.

Action: Check enable switch on card. If fault still exists then suspect PS card, CPU or cards connecting the two CPU.

NPR0022 PS card already enabled. No action.

NPR0023 Clock on specified PS card is not responding. See NPR021.

NPR0024 Specified PS card is being used by the active CPU for clock.

Action: Load program 35. Input SCPU. Abort and reload 32. This switches to alternate CPU.

NPR0025 Cannot determine which CPU is active. Indicates either a fault on bus 0 or a faulty CMA which must be repaired before continuing.

NPR0026 n PS card n interrupt fault is present. If no card is identified, the system could not determine the fault source. No PS cards may be enabled while this fault persists.

Probable fault causes:

a. PS card(s) (card N, if specified)

b. active MISC card

c. other PS card

d. CE extender

NPR0027 A fault in outgoing signaling on PS being examined.

NPR0028 The unit to be tested must be a 500/2500 set with a message waiting lamp.

NPR0029 The unit specified is either maintenance busy or busy.

NPR0030 The unit to be tested is unequipped.

NPR0031 loop Loop is a remote loop. ENLL and DISL not allowed.

Action: Use LD 53 (2.0 Mb/s RPE) to bring loop L up and down.

NPR0032 The card does not respond.

Action: Try again.

NPR0036 Peripheral Signaling card is already disabled.

NPR0050 That command is only valid for superloops.

NPR0051 That command is not valid for superloops.

NPR0070 Specified equipment could not be enabled due to the extender being disabled.

Action: Use LD 35 to enable extender.

NPR0080 Peripheral Controller number is out-of-range (1-95).

NPR0081 Peripheral Controller requested is not defined.

NPR0082 Peripheral Controller is already enabled.

NPR0083 Cannot find an enabled Network Card that is connected to the Controller.

Action: Enable one or both of the Network Cards and try again.

NPR0084 Cannot send message to Network Card.

Action: Wait and retry the command later. If this error occurs again check the Network Card and associated cabling.

NPR0085 That command is not valid for Network/DTR Card (NT8D18).

Action: Use the DISL/ENLL commands instead.

NPR0086 Superloop numbers must be a multiple of 4.

NPR0087 The NT8D PE shelf is either unoccupied by superloops or contains bad superloop numbers. There is a possible data corruption in the Controller block.

Action: Contact the supplier for assistance.

NPR0209 Customer nonexistent.

Action: Verify data. Command CMIN ALL will clear all minor alarms.

NPR0210 TTR unit request out-of-range (SD=0, DD=0,2, QD=0,2,4,6).

NPR0300 l s c (u) The specified loop, shelf, card and/or unit cannot be tested because it is disabled.

NPR0301 loop Loop is a Digital Trunk Interface or Primary Rate Interface.

Action: Use LD 60.

NPR0302 Conference loop.

Action: Use LD 38.

NPR0303 An unrecognizable status code has been sent. Undefined Link/DCHI state.

NPR0310 Receive micro of ISDLC memory fault.

NPR0311 Receive micro of ISDLC lost a message.

NPR0314 Transmit micro of ISDLC memory fault.

NPR0315 Transmit micro of ISDLC output queue problem lost messages.

NPR0317 ISDLC card reset.

NPR0318 No response from ISDLC card.

NPR0319 All units on the card are enabled. Self test of ISDLC card is not performed as one or more units on the ISDLC card are busy.

Action: If self test is mandatory, disable the card first.

NPR0320 This command is only allowed for ISDLC card.

NPR0321 That command is only allowed for M3000 sets.

NPR0325 Cannot perform card self test because one or more units are busy.

NPR0326 No response from card. Retry the command.

NPR0327 No response from the Network Card.

Action: Retry the command several times. If the problem persists, check the Network Card and associated cabling.

NPR0328 The superloop must be disabled before using that command.

NPR0329 The card self test failed. The card was not enabled.

Action: Try to enable the card again. If the problem persists, replace the card.

NPR0330 No acknowledgment returned for a message sent to the Network Card/Controller (NT8D04/NT8D01). The command has been terminated.

Action: Retry the command later. If the problem persists, contact supplier.

NPR0331 Timeout waiting for Peripheral Software Download (PSDL) to complete the download function.

Action: Check SDL messages.

NPR0332 Specified Peripheral Software (PSW) version number is out of range (1-99).

NPR0333 Specified Peripheral Software (PSW) version (1-99) not found on the mass storage device.

Action: Use LD 22 to determine the available PSW versions.

NPR0334 Peripheral Software Download (PSDL) failure.

NPR0500dn l s c u The unit has failed the PBXT test. There are several set states that would prevent successful completion of the test, e.g., ringing, set is off-hook.

Action: Check for ERR500 messages that indicate the same unit. If ERR500 messages do not indicate this unit to be in trouble, try the test again. If the fault indicates:

1. only one unit, suspect a faulty lamp in the set

2. all units on one card, suspect a faulty line card.

NPR0501 Cannot print telephone ID because the TN is not equipped, or the TN is not a voice TN on a Meridian Modular set.

NPR0502 No call registers available for IDU.

NPR0503 Response timeout from IDU (2 seconds).

NPR0504 Command not allowed for Conference/TDS/MFS cards. For TDMF loops use LD 34, or LD 46. For conference loops, use LD 38.

NPR0505 Superloop Network or Controller card has some problems.

Action: Check the card and its associated cable and repeat the command. If the problem persists, pull the card and plug it back in. If the problem persists on the same command again, replace the card.

NPR0506 Extended shelf is not equipped.

NPR0508 APNSS virtual loops can not be disabled.

NPR0509 DSL configuration download failed.

NPR0510 DSL is already enabled.

NPR0511 Since this shelf contains at least one BRI line card, one must wait 45 seconds before enabling the shelf/loop.

NPR0512 A command is in progress. No input is allowed except aborting.

NPR0514 The software failed to enable the unit.

NPR0515 The BRI line card did not send an activation acknowledgment for the DSL(s).

NPR0516 The BRI line card selftest failed to be invoked.

NPR0517 Line card selftest failed. Line card enabling sequence is aborted. (Same as NPR329).

NPR0519 No response from the ISDN BRI line card.

NPR0522 MISP not responding. Aborting command.

NPR0533 The MISP application did not acknowledge the requested “Line Card State Change”.

NPR0534	The MISP application did not acknowledge the requested “DSL State Change”.
NPR0551	Invalid message or invalid environment in which to send the message to the MISP.
NPR0555	Expedited output queue is full.
NPR0556	The MISP output buffer is not available, (possibly because the MISP has not read off the previous output message yet).
NPR0561	Only valid for MISP and superloops.
NPR0562	Cannot send message to the line card.
NPR0570	Cannot read the applications’ information blocks from the MISP card.
NPR0600	Peripheral Signaling card cannot be disabled if DTCS is enabled.
NPR0601	Cannot convert a non-terminal loop TN. This command is intended for terminal loops only.
NPR0605	That application is not configured on this MISP.
NPR0606	DSL needs to be in RELEASED state.
NPR0607	DSL needs to be in ESTABLISHED state.
NPR0608	DSL needs to be in TEST mode.
NPR0609	DSL needs to be in REMOTE LOOPBACK mode.
NPR0610	DSL needs to be ENABLED.
NPR0611	DSL configuration is not TIE trunk type, or Meridian 1 interface type.
NPR0612	Application on MISP is disabled.
NPR0620	Not a BRI Line Card.
NPR0621	Not a valid Trunk DSL.
NPR0622	MISP loop is disabled.
NPR0623	Trunk DSL is enabled but released (Is in code already).
NPR0624	A command in LD 32 is pending completion. **Action:** Wait for it to finish, or enter two asterisks (**) to abort the Overlay completely.
NPR0626	Invalid case value (e.g. INTPM, PARPM,...).

NPR0627	Failed to get Interface Type.
NPR0628	Failed to get Interface TN.
NPR0629	MPH OVL PTR is NIL.
NPR0630	Protected loop PTR is NIL.
NPR0631	MPH NET IFC PTR is NIL.
NPR0632	USID number out-of-range (enter 0-15).
NPR0633	B-channel number out-of-range (enter 1 or 2).
NPR0634	Protected card PTR is NIL.
NPR0635	That must be a BRI line card.
NPR0636	Protected line PTR is NIL.
NPR0637	That must be a digital telephone.
NPR0638	FUNC DATA PTR returned NIL PTR.
NPR0639	BRI USID MAPPTR is NIL.
NPR0640	That must be an MISP loop.
NPR0641	Invalid MISP TN.
NPR0642	BRI USID TSPTR is NIL.
NPR0643	Invalid MPH terminal type.
NPR0644	That must be a superloop.
NPR0645	Invalid channel type.
NPR0646	TOD2SEC Timeout waiting for message.
NPR0663	Cannot enable or disable this ISDN BRI line card or DSL because the line card is not associated with a BRSC or MISP.
NPR0664	BRSC Cards do not have units associated with them.
NPR0665	This command is not valid on phantom loops, since phantom loops do not physically exist.

NPR0666 Loop must be configured as MISP.

Action: Re-enter command with a valid MISP loop number.

NPR0667 MISP basecode must be enabled.

Action: Enable the MISP card using the ENLL 111 command.

NPR0668 The BRIE Application is not configured on the MISP.

Action: Re-enter command with an MISP loop that has the BRIE application configured.

NPR0669 There was no downloadable Interface defined on the MISP.

Action: Configure a UIPE Trunk DSL in Overlay 27 and then try again.

NPR0670 All Interfaces are "active", i.e. there are enabled DSLs of each Interface type. An Interface must be "inactive" before the data can be downloaded.

Action: Disable the corresponding DSLs, OR, disable the BRIE application by the DISL BRIE 111 command and enter the command again.

NPR0671 Invalid selection.

Action: Enter one of the choices.

NPR0672 Interfaces is "active", i.e. there are enabled DSLs of this Interface type. An Interface must be "inactive" before the data can be downloaded.

Action: Disable the corresponding DSLs, OR, disable the BRIE application by the DISL BRIE 111 command and enter the command again.

NPR0673 UIPE BRI Trunk DSL/Line Card is expected for this command.

Action: Re-enter command with UIPE BRI Trunk DSL/Line Card TN.

NPR0674 The specified unit is Out of Service, or may be a console power unit.

Action: It cannot be enabled or disabled. To change the unit, you must remove it OUT and re-enter it New.

NPR0675 DSL is not of the correct application type or Linecard does not have a DSL of the correct application type for this command.

Action: Check configuration in LD 27 and re-enter command with DSL/Linecard of the correct application.

NPR0676 The M1 Companion card must be disabled on the Companion before the card can be removed from the M1.

NPR0677 Equipment cannot be enabled due to disabled Tone and Digit Switch (TDS). Use OVL 34 to enable before proceeding.

NPR0678 DSL does not have GF capability.

NPR0679 Invalid call reference number.

NPR0680 New MFC/MFE/MFK5/MFK6 units on Card 0 can only be enabled by ENLX in LD 34.

Action: To enable these units, go into LD 34 and perform ENLX 0.

NPR0681 EIMC/MXC related maintenance commands are not allowed from overlay 32.

Action: Use the Mobility Mat platform.

NPR0686 XCMC hardware pack self-test failed.

Action: Replace the XCMC hardware pack.

NPR0687 Cannot enable a DMSX superloop if FWA package is restricted.

NPR0688 Device locked by the Russian Call Monitoring feature. The command was not executed.

Action: Contact your technical support group.

NPR0705 IDC/IDU is busy with another request.

Network and Signaling Diagnostic (LD 30)

The Network and Signaling Diagnostic program, (LD 30), is used to maintain Network loops. It may be run in background, loaded during the daily routines or loaded manually to enter commands. Problems are reported in NWS messages.

NWS messages

NWS0000 Program 30 has been loaded.

NWS0002 Invalid command was entered.

Action: Check and re-enter the command.

NWS0003 The command contained an invalid parameter. The problem may be:

1. the loop, shelf or customer number is out-of-range

2. the loop or shelf specified is disabled or unequipped

3. the customer number specified does not

Action: Check all command parameters and re-enter the command. If NWS003 is output again, the loop or shelf specified is unequipped or disabled.

NWS0004 Yellow alarm is set or loop is being audited.

NWS0005 No free channel for signaling test.

NWS0006 Loop is being audited or there is no channel equipped.

NWS0007 Attempted to enter a command other than END, while the previous command was still being executed.

Action: Enter END to abort the current command.

NWS0008 A serious data error has been detected.

Action: Contact your technical support group.

NWS0009 Issued an ENLL to an already enabled network loop or to a network loop associated with a disabled PS card. Command ignored by the system.

Action: If the PS card was disabled, re-enable using LD 32 before enabling loop.

NWS0010 No response from Network card or no acknowledgment returned for previous message sent to the Network or Controller card (NT8D04/NT8D01).

NWS0013 A serious data error has been detected by NWS.

Action: Contact your technical support group.

NWS0019 Carrier Remote superloop (LCI) did not respond to the request to disabling/enabling of the RTE superloop.

Action: Ensure that the LCI is installed and that the H / W disabled switch on its faceplate is in the enabled position.

NWS0020 During execution of the signaling test, an input buffer overflow was detected and some input messages were lost.

The signaling test was terminated. No fault is implied by this message.

Action: Retry test later.

NWS0023 loop During execution of the signaling test, a large number of line faults were detected, but storing the fault information required too much memory space. Testing of the PS card associated with this loop was terminated.

Action: Beginning with the specified loop, test each of the remaining loops on the associated PS card separately. This message does not necessarily imply a fault on the specified loop.

NWS0024 Network Card fault list is full.

NWS0025 A serious data error has been detected by Network Card fault list management routines. The test is terminated.

NWS0030 Clock switching function not performed; could not determine which clock was active. Fault may be:

Action: 1. QPC411 SCG

2. CE EXT connecting active CPU to network shelf

3. cables connecting the above cards via the Junctor

4. if you have no DTI hardware, ignore this message.

NWS0031 Clock switching function not performed. One or both of the QPC411 SCG cards are disabled. No fault implied.

NWS0042 Network Card interface test failed. The PE continuity test was not performed.

NWS0043 The requested PE cannot be tested because:

1. Peripheral Controller is disabled, or

2. the PE is not defined for the superloop, or

3. the PE shelf space occupied by the superloop is empty.

NWS0061c p1 p2 Clock switching function not performed. One or both QPC411 SCGs are disabled. No fault implied.

Action: Check for message ISR061.

NWS0101ps l1 l2 ln Two or more loops (L1, L2, etc.) on Peripheral Signaling card ps failed the signaling test. Error code NWS201 is implied for these loops. Probable fault on PS card.

Action: Try the tests again. If fault persists after the card is replaced, suspect:

1. MISC card on active CPU

2. network cards L1, L2, etc.

3. CE EXT between active CPU and affected network shelf, network, conference and TDS cards in the same group

4. CPU cards

Loops may be tested separately using the LOOP L command.

NWS0102 Real-time clock on peripheral signaling card has failed. Probable fault is in the peripheral signaling card or MISC card on active CPU.

NWS0103 ps Fault detected in outgoing signaling on Peripheral Signaling card ps. The system is still able to signal using the bad card but the outgoing signaling rate may be reduced.

Action: Repeat the LOOP ALL test, or test any terminal loop associated with the PS card several times. If this message reappears, probable fault is on the PS card or, if the fault indication appears when one CPU is active but not when the other is active and the fault affects all groups, on:

1. either CE EXT connecting the affected network shelf to the active CPU, or in the cable between the extenders; or other PS cards or the MISC of the CPPU

which is active when the fault indication appears.

2. other PS cards or the MISC of the CPPU which is active when the fault indication appears.

NWS0141 c IGS card c failed to respond. Probable fault in:

1. IGS card c
2. CE EXT connecting active CPU to network shelf
3. other IGS card, or
4. associated cables

NWS0142 c Could not switch clocks when System Clock Generator (SCG) card c was providing clock. Fault may be:

1. either SCG
2. cables connecting SCG cards via Junctor
3. CE EXT connecting active CPU to network shelf.

NWS0143 n You cannot switch the clock controllers because the standby clock controller n is software disabled.

Action: Enable it in LD 60 provided is operational.

NWS0201 loop s1 s2 sn Two or more shelves (s1, s2, etc.) on the loop failed the signaling test. All cards failed the test on each shelf.

Action: See NWS301. If the loop is an RPE loop, go to LD 33. The fault may be in

1. network card for the loop
2. loop cable to PE shelves
3. faults on shelves s1 to s4 (depending on card density)
4. network, conference and TDS cards in same group
5. network extenders
6. CPU cards

NWS0202 loop s1 s2 Continuity test failed on this loop, shelves s1, s2. Signalling test was completed in spite of the fault. The fault may be:

1. peripheral buffer or controller on shelves
2. interconnecting cable to PE shelves
3. network card

4. peripheral signalling cards

5. network, conference and TDS cards in the same group

6. network extenders

7. CPU cards

Note: ERR3036 can also occur if a loop on the QPC414 Network card is not configured. This is not an error condition. To prevent ERR3036 occurring in this case, define the loop in LD17. Disable the unused loop.

NWS0203 loop Memory test on this loop failed. Timeslots associated with faulty memory locations are disabled. The network card is probably faulty. If a LOOP L command produces this response only on one the CPUs, the fault may be in

1. the CE EXT connecting the network group (in which loop is located) to the CPU which is active when this message appears, or

2. in the cable connecting these extenders

NWS0204 loop The network circuit for this loop failed to respond to an ENLL, DISL, LOOP or SHLF command.

Action: Check whether the network card is missing or disabled through the faceplate switch. If a fault exists, then suspect the following:

1. the network card

2. the peripheral signaling card

3.the network, conference and TDS cards in the same group

4. the network extenders

5. the CPU card

NWS0211 loop s1 s2 s One or more shelves (s1, s2, etc.) failed the signaling test. At least one unit passed the signaling test.

See message NWS301.

If loop is an RPE loop, go to LD 33. The fault may be:

1. network card

2. loop cable to PE shelves

3. faults on shelves s1 to s4

4. network, Conference and TDS cards in same group

5. network extenders

6. CPU cards

NWS0301 ls c1 c2 cn Two or more PE cards c1, c2, etc. on loop l shelf s failed the signaling test, or the results of the shelf test varied. LD 30 automatically tests each shelf two ways.

If a card number is preceded by a minus sign, one or more units on that card were disabled. The fault may be:

1. one or more of cards c1, c2, etc.
2. peripheral buffer or controller for shelf
3. loop cable to PE shelf
4. network card the loop

If only one card is listed, an intermittent PE card fault is possible.

NWS0302 l s More than half of the cards on specified shelf S could not be tested because they were either busy or disabled, or there were no SL-1 telephones on shelf. This is not a fault condition.

Action: Repeat test if desired.

NWS0303 l s For single density loops, more than half the cards on specified shelf s could not be tested because they were busy or disabled. Try again later.

For double or quad density loops, 'some' of the cards in the shelf could not be tested because they were busy or disabled.

NWS0401 l s c: u1 u2 un A fault has been detected on:

1. PE card L s c (u1, u2, do not appear in the message), or
2. PE unit L s c u1u2

If a card or unit number is preceded by a minus sign, the card or unit was disabled. The fault may be:

1. PE card l s c peripheral buffer on the shelf
2. SL-1 or Digital sets associated with units u1, u2, etc.

NWS0501l s c u The telephone at L s c u failed the signaling test. If the unit number is preceded by a minus sign, the set was disabled. The fault may be:

1. PE card
2. the telephone set

NWS0502 The network loop is not configured.

Action: Re-enter command.

NWS0601 loop — The loop requested is a Digital Trunk Interface (DTI) or Digital Link Interface (DLI).

Action: Use the DTI diagnostic instead (LD 60).

NWS0602 — DTI/DLI loop failed signaling test.

NWS0603 — A previously faulty DTI/DLI loop passed the signaling test.

NWS0604 — DTI loop is in a waiting state. A reset red alarm message has been sent.

NWS0608 — Peripheral Software Download (PSDL) failure.

Action: Check the SDL messages.

NWS0609 — The XNET/XPND network card has a problem.

Action: Check the card and its associated cable and repeat the command. If the problem persists, pull the card and plug it back in. If the problem persists on the same command again, replace the card.

NWS0610 — A timeout occurred while waiting for the PSDL to complete the download function.

Action: Repeat the command.

NWS0611 — You cannot use this command when the card is in an overload condition.

NWS0612 — Command parameter error; for NT8D02 Digital Line Card use: UNTT l s c u, for all others use: UNTT l s c.

NWS0613 — The proper card is not equipped.

NWS0614 — That command can not be completed. For NT8D02 Digital Line Card:

1. the unit is busy
2. the unit is manually disabled, or
3. the unit is not defined.

For all others:

1. the card is manually disabled, or
2. no unit is defined on the card.

NWS0615 — Loop must be a superloop.

NWS0617 — Expanded shelf is not equipped.

NWS0620 — Express output queue full, CPU can not send the message to the MISP.

NWS0621 The MISP output buffer is not available, possibly because the MISP has not read off the previous output message yet.

NWS0622 Invalid message or invalid environment in which to send the message to the MISP.

NWS0623 Cannot send message to the line card.

NWS0624 Since this shelf contains at least one BRI line card, one must wait 45 seconds before enabling the shelf/loop.

NWS0625 Database error. Protected pointers missing.

NWS0626 Self-test command only applies to the MISP network cards and BRI line cards. Make sure you specify correct card.

NWS0627 The MISP card must be in MANUAL DISABLED state to perform the selftest.

NWS0628 Line card must be disabled to invoke the self-test.

NWS0630 Loop is unequipped.

NWS0631 Loop is not responding.

NWS0632 Selftest failed. With X11 Release 19 and later, the following text will be appended to the message depending on the failure cause.

68020 CPU = The microprocessor is faulty.

DRAM = The DRAM is faulty.

DRAM PARITY ERROR = Parity was detected on the DRAM.

AO7 CHIP = The AO7 is faulty.

MFP = The MFP is faulty.

INTERNAL LPBK = The internal loopback has failed.

R75 1 = The first R75 chip failed.

R75 2 = The second R75 chip failed

R75 3 = The third R75 chip failed.

R75 4 = The fourth R75 chip failed.

S01 1 = The first S01 chip failed.

S01 2 = The second S01 chip failed.

S01 3 = The third S01 chip failed.

S01 4 = The fourth S01 chip failed.

NOT RESPONDING = The Meridian 1 software cannot communicate with the BRSC card, or the BRSC card cannot send the self-test results to the Meridian 1 software.

Action: For all failures, replace the BRSC card.

NWS0633 MISP status is undefined (MISP SLSTAT bit combination).

NWS0635 No response from the line card.

NWS0636 Cannot invoke MISP selftest.

NWS0637 Selftest passed.

NWS0638 Unit is not equipped.

NWS0639 TEI test could not be performed.

NWS0640 No response from the MISP.

NWS0641 Cannot execute command on MISP. Use LD 32.

NWS0650 Command not allowed for XCT loops.

NWS0652 This command is not valid on phantom loops, since phantom loops do not physically exist.

NWS0653 Cannot execute command on BCS Phantom loop. Use Overlay 32.

NWS0654 No Memory Test on BCS Phantom Loop.

NWS0800 The timeslot or junctor is busy. The test was not completed.

NWS0801 The continuity test failed.

NWS0802 Network Card (NT8D04) failed to respond.

NWS0803 Superloop number must be a multiple of 4.

NWS0804 Shelf number is not equipped.

NWS0805 Cannot send message to Network Card (NT8D04).

NWS0888 Invalid input. The loop or junctor number is out-of-range; the command is not allowed on superloops; or the terminating or transmitting party is disabled.

NWS0927 Network Card (NT8D04) failed to respond within 10 seconds after sending a request to read or clear a Peripheral Controller (NT8D01) maintenance display.

Action: If the command fails a second time, check the status of the Network and Controller Card.

NWS0928 Superloop number must be multiple of 4.

NWS0929 Shelf number is not equipped.

NWS0930 Cannot send CPED or RPED message to Network Card (NT8D04).

Action: Make sure the Network Card is installed and enabled.

NWS0931 Cannot determine if the XTRUNK value is a Universal Trunk or E&M/Dictation Trunk (NT8D14/NT8D15).

NWS0940 Wrong number of parameters.

NWS0941 Loop number is out-of-range.

NWS0942 Active input device will be disabled. Command is ignored.

Action: Abort the program and input again from the maintenance console.

NWS0943 A serious data error has been detected by NWS.

Action: Contact your technical support group.

NWS0944 Loop is already enabled.

NWS0945 No response from maintenance interface.

Action: Check the Network Card (NT8D14) and try again.

NWS0946 No acknowledgment returned for a previous messages sent to the Network or Controller. The current command has been terminated.

Action: Retry the command later. If the problem persists, contact your technical support group.

NWS0947 Time out from Peripheral Software Download (PSDL).

Action: Retry the command. If the problem persists, contact your technical support group.

NWS0948 Specified Peripheral Software (PSW) version number is out-of-range (1-99).

Action: Try again.

NWS0949 Specified Peripheral Software (PSW) version (1-99) not found on the mass storage device.

Action: Use LD 22 to determine the available PSW versions and try again.

NWS0950 Unrecoverable error from Peripheral Software Download (PSDL).

Action: Command aborted, try again. If problem persists, replace the card.

NWS0955 Peripheral Software (PSW) number in hardware and protected memory do not match.

Action: Use LD 32 to disable the superloop and then enable it with software download option (ENLL {pswid}). Use LD 22 to determine the correct software version.

NWS0956 Card type not found.

Action: Use LD 22 to find the card type for the Peripheral Software (PSW) version and try again.

NWS0957 Disk access error.

Action: Check the disk for the fault and try again.

NWS0958 Cannot enable a DMSX superloop if FWA package is restricted.

Off-Hook Alarm Security

OHAS messages

OHAS0000 dn l s c u hh:mm:ss Off-Hook Alarm has occurred due to dial tone, interdigit or half disconnect timeout.

OHAS0001 dn l s c u hh:mm:ss Off-Hook Alarm has occurred due to forced out-of-service call treatment.

Operating System Messaging

OSM messages

OSM0000	Example message for {string}.
OSM0001	Cannot create pipe, errno x.
OSM0002	Cannot open pipe for read/write, errno x.
OSM0003	Cannot create OSM File semaphore, errno x.
OSM0004	Cannot open OSM file for appending, errno x.
OSM0005	Cannot open save file for writing, errno x.
OSM0006	Cannot get OSM Save file semaphore errno x.
OSM0007	Cannot save OSM file (copy failed), errno x.
OSM0008	Cannot get OSM write file semaphore, errno x.
OSM0009	Cannot fprintf to osm File, errno x.
OSM0010	Cannot read from pipe, errno x.
OSM0011	OsmTask has died.
OSM0012	Cannot spawn osm Task, errno x.
OSM0013	Cannot spawn period task, errno x.
OSM0014	Daily log file save failed. Check CMDU power on/off switch. **Action:** Be sure the IOP enable/disable switch is enabled (up).

OSM0015 Disk getting full. Only x bytes remain.

Action: Contact your technical service representative.

OSM0016 X byte log file size limit exceeded. Disk getting full, only y bytes remain.

Action: Contact technical support.

OSM0017 Cannot flush to log file errno {x}.

On-Site Notification

OSN0000 On site notification record for an ESA call.

OSN0001 ESA caller information is not linked to the OSN key because it already has a caller information linked.

Action: Obtain the call record from the OSN output device.

OSN0002 ESA caller information is not linked because the OSN set is found to be disabled.

Action: Obtain the call record from the OSN output device.

Overload Monitor

The Overload Monitor program is resident in the system and is loaded if:

— excessive input messages from a particular PE card have been detected, or

— the system input buffer overflows for a predetermined period of time (1.5 to 2 min).

In either case, an attempt is made to determine whether the overload is due to a hardware fault; if so, the faulty device is disabled and an OVD message is output.

OVD messages

OVD0001 l s c (u) A 500/2500 card or unit has been disabled.

OVD0002 l s c (u) An SL-1 line card or unit has been disabled.

OVD0003 l s c (u) A trunk card or unit has been disabled.

OVD0004 l s c (u) A Digital set line card or unit has been disabled.

Unterminated or unequipped units on QPC578 or NT8D02AA line cards may produce erroneous OVD004 messages.

Action: To avoid this condition, configure and disable these units.

OVD0005 l s c (u) A Digitone Receiver card or unit has been disabled.

OVD0008 loop Overload detected from Local Carrier Buffer (LCB) card on specified loop. The carrier status monitoring function on the LCB has been disabled.

OVD0009 l s c (u) An AIOD trunk card or unit has been disabled.

OVD0010 l s c (u) An RAN trunk card or unit has been disabled.

OVD0013 l s c (u) A MFC Sender/Receiver card or unit (QPC327 or NT5K21AA) has been disabled.

OVD0021 loop Excessive input has been detected from specified loop. The loop was disabled. A minor alarm indication is given to all customers served by the loop. This message indicates a probable fault in:

1. Network card for the loop
2. Peripheral Buffer or Controller for the loop
3. interconnecting cables
4. any PE card

OVD0022 loop A large number of invalid input messages were received from more than one PE shelf on the loop. The loop has been disabled. Probable fault on:

1. Network card for the loop
2. Peripheral Buffer or Controller for the loop
3. PE cabling any PE card

OVD0023 l s A large number of invalid input messages was received from shelf s. Attempts to disable the offending PE card(s) failed; the loop has been disabled. Probable fault on:

1. Peripheral Buffer or Controller on the shelf
2. any PE card on indicated shelf
3. Network card for the loop
4. PE cabling

OVD0024 l s Shelf s has been disabled due to overload. Probable fault in:

1. Peripheral Buffer or Controller on the shelf
2. any PE card on that shelf

OVD0031 ps Excessive or invalid input has been detected from Peripheral Signaling card. The card was disabled. A minor alarm indication is given to all customers. This message indicates a probable fault in:

1. PS card
2. one of the network card associated with the PS
3. conference card or its network cable

OVD0032 loop Too many messages from loop DTI2 loop. Loop is disabled.

OVD0033 loop ch Channel ch of a DTI loop is disabled due to overload. Probable fault:

1. DTI card
2. carrier
3. cables

Overlay Loader

The Overlay Loader manages the Overlay area in memory that is used to load administration and maintenance programs.

The facility to disable the primary tape unit, if the unit is faulty, is included in the Overlay Loader. The commands to disable the tape unit will be issued only when no other Overlay activity is in progress; for instance, when an abort command is issued preceding the disable command.

Problems and status of the Overlay Loader are indicated in OVL messages.

OVL messages

OVL0000 This is the Program identifier which indicates that the user has already logged into the system.

OVL0001 Loading already in progress.

Action: Wait for completion of loading or enter **** to halt loading.

OVL0003 xx Requested program xx is not in the tape directory.

Action: Check if desired program should be in directory. If program should be present, inform manufacturer of defective tape.

OVL0004 Checksum failure.

Action: Re-enter load request.

OVL0005 Tape unit not ready for use.

Action: Confirm that tape cartridge is properly seated.

OVL0008 Unexpected or erroneous data found on tape. Interchange active and backup tapes.

Action: Re-enter load command.

OVL0009 Tape contains software generic different from that resident in system memory. The programs are not compatible, Overlay program requested was not loaded.

Action: Replace tape in drive with one used when system was loaded.

OVL0010 Overlay program exceeds allowed maximum size. A tape programming error has been made.

Action: Notify the manufacturer.

OVL0011 xx MID System is automatically executing maintenance Overlay xx.

Action: DO NOT login until these tasks are completed, they may be essential to maintain system integrity. After a few minutes, press the carriage return to recheck system status.

OVL0012 Incorrect command format.

Action: Check the command and re-enter the code.

OVL0013 Invalid input command.

Action: Check the command and re-enter the code.

OVL0014 Incorrect parameters.

Action: Check the command and re-enter the code.

OVL0015 Password is incorrect.

OVL0016 Allowed limits of password exceeded.

OVL0017 Overlay cannot be loaded from a TTY.

OVL0018 Password does not have access to this customer.

1. OVL020 System has aborted the current Overlay program because another TTY has successfully logged in

2. The Overlay area is required because of a system alarm, a system audit or daily routine.

OVL0020 System has aborted the current overlay program because:

1. another TTY has successfully logged in

2. the overlay area is required because of a system alarm, a system audit or daily routine.

OVL0021 aaa System requires the Overlay area one of the following tasks (aaa):

1. MID — daily midnight routines are scheduled
2. ALRM — system alarm has been triggered
3. AUD — system requires software audit
4. CDR — system requires test of CDR facility
5. SMFR — soft memory failure recovery
6. PBXT — PBXT message waiting lamp tests are scheduled

Action: Complete present work as soon as possible and enter **** followed by LOGO.

OVL0022 Manual loading of this program is prohibited.

OVL0023 Loading Overlay program from this TTY is not allowed.

OVL0058 Permanent interrupt condition detected in primary tape. The tape unit has been

OVL0059 Tape Interface card is not responding. Primary tape cannot be enabled until fault is cleared.

OVL0060 History File package not equipped.

OVL0061 A user is active in the Overlay.

OVL0066 X11 Release 1 to Release 2 conversion CR1R2 X09rl7 to X11R2 conversion C97R2.

OVL0068 Add new NARS/BARS, CDP data to existing customer—BLD1.

OVL0069 Build the DN. Translation base of the new data loaded via BLD1-BLD2.

OVL0070 ATTN admin PBX set service change.

OVL0071 ATTN admin SL-1 set service change.

OVL0073 DTI service change.

OVL0086 S1ESN ESN Overlay 1.

OVL0087 S2ESN ESN Overlay 2.

OVL0088 SCAUT—Authcode Overlay (removed from 24).

OVL0090 S3ESN ESN Overlay 3.

OVL0093 SCTEN service change tenant data blocks.

OVL0099 Software tool to replace one or more existing global procedure in core with load global.

OVL0111 The Overlay area is being used. The data output with the OVL111 are defined below.

1. OVL111 00 IDLE = System is idle. A login will result in a "" prompt.

2. OVL111 xx BKGD = Overlay area is currently executing background task (Overlay nn). A login will result in a "" prompt indicating that background task has been aborted and the Overlay loader is ready for further commands.

3. OVL111 00 TTY x = TTY. x has control of the Overlay area. No Overlay program is loaded.

4. OVL111 nn TTY x = TTY. x or maintenance set has control of the Overlay area. Overlay program nn is loaded. DO NOT load in until user has been identified and given a chance to complete his task or to stop.

5. OVL111 00 SL-1= maintenance set has control of the Overlay area. No Overlay program is loaded.

6. OVL111 nn yyy = System is automatically executing a maintenance task.

DO NOT login unless absolutely necessary, until these tasks are completed. They may be essential to maintain system integrity. Recheck system status by pressing the carriage return key again after a few minutes.

The value yyy may be:

1. MID—daily midnight routines are scheduled

2. ALRM—system alarm has been triggered

3. AUD—system requires software audit

4. CDR—system requires test of CDR facility

5. PBXT—PBXT message waiting tests

6. SMFR—soft memory failure recovery

If the input device is an SL-1 telephone, OVL111 is represented by a busy tone or overflow tone. The telephone can be returned to the call processing mode by going off-hook, then on-hook. This procedure is useful if you do not wish to abort the current Overlay activity.

OVL0202 Route member does not exist.

OVL0305 Bad message received from the System Monitor (NT8D22).

Action: Use "STAT XSM" command in LD 37 to check the System Monitor status. Check the cabling between the System Monitor and the SDI port.

OVL0306 This Overlay can not be active during Peripheral Software Download (PSDL).

Action: 1. Wait until PSDL is complete.

2. Use the SUSP command to suspend the PSDL and load the required program (LD xx SUSP). Use SUSP with caution.

OVL0307 You do not have access to the Resident Debugger (LD 8).

OVL0308 Incorrect password entered for the Resident Debugger (LD 8).

OVL0309 You do not have access to that Overlay.

OVL0310 With LAPW enabled, maintenance sets are not allowed to load this Overlay.

OVL0352 List requested is not system speed call list (network speed call).

OVL0353 The security cartridge cannot be read, or the cartridge ID does not match the ID in the directory file. LD 135 and LD 137 can still be accessed.

OVL0354 Tape ID does not match system ID. Incorrect tape or disk is being used, or there is a system ID cartridge malfunction on MSI. LD 135 and LD 137 can still be accessed.

OVL0355 The directory file cannot be read to obtain the ID for comparison to security and system IDs. LD 135 and LD 137 can still be accessed.

OVL0400 Failed log on attempts by incorrect password (PWD1 or PWD2).Output data may be any of the following:

Where:

x = TTY x is locked out. Too many invalid passwords

x y = x failed logins on TTY y

TTYx y = TTYx was locked out y times

OVL0401 The Audit Trail buffer is full. It will now start to wrap.

OVL0402 There is not enough memory for the Audit Trail. It will now start to wrap.

OVL0403 x You have logged on in HOST mode on TTY port x. Other ports will not receive any messages (CDR, BUG, ERR, MTC, SCH or TRF) output to this port.

OVL0404 x aaa bbb TTY port x is in HOST mode and this TTY will not receive message types: aaa bbb. Where messages types can be one or more of CDR, BUG, ERR, MTC, SCH or TRF. MTC represents all maintenance messages.

OVL0405 xx Attempt to load an Overlay program xx on A2 disk.

Action: You must restore disks to the hard disk before using the Overlay programs on the A2 disk.

OVL0406 Low speed link is used by the other terminal.

OVL0407 xx yy Requested number of cache buffers cannot be allocated. Protected data store is below safety limit. Increase the memory before more cache buffers can be allocated. Where: xx = # buffers requested and yy = # buffers allocated.

OVL0408 xx Too many priority Overlays. Where: xx = number of priority Overlays which have been removed automatically.

OVL0409 Initialization of OVL pipe failed.

OVL0410 No pipe is available for use.

OVL0411 LD 135, and LD 137 are the only LDs available for task Overlays.

OVL0412 Cannot spawn the requested Overlay task.

OVL0413 Cannot kill the Overlay task.

OVL0414 Send character to Overlay task through pipe failed.

OVL0415 Displayed after a successful login if the Last Login Identification feature is enabled. It contains the time and date of the last login and the number of failed login attempts. The format is:

TTYxx nn PWD yyy mm/dd hh:mm

Where:

xx = the TTY port number

nn = number of failed login attempts count since the last login at this port

yyy = password identification = 1 for PWD1 or 2 for PWD2

00-99 = indicates LAPW password number between 00 and 99

mm/dd = last login date hh:mm = last login time

OVL0416 You cannot monitor this port.

Action: Try another port.

OVL0417 Password level is incorrect.

Action: Login with PWD2 password, or a LAPW password that allows the command.

OVL0418 The monitor feature is already in use.

Action: Use MON OFF to turn the monitoring feature off before using it on another port.

OVL0419 Send print (SPRT) is already in use.

Action: Use SPRT OFF to turn the feature off, then use SPRT xx to turn it on another port.

OVL0420 That port is busy, or already logged in.

OVL0421 That port does not physically exist.

OVL0422 That TTY port type is not SCH or MTC.

OVL0423 This is not a logged in port.

OVL0424 The maximum number of users are already logged in.

OVL0425 You cannot force logout yourself.

Action: Check the port number when using the FORC command.

OVL0426 There is not enough memory available for the Overlay data area.

OVL0427 The disk unit is busy.

Action: Try again later.

OVL0428 Login name and password combination is invalid.

Action: Check the password and login name and try again.

OVL0429 Overlay memory space is in use.

OVL0430 Send message command is already turned off.

OVL0434 Unable to initialize system message lookup.

OVL0435 n Invalid lookup type received by help task: n.

OVL0436 n m	B-tree read failed for language n, rrn = m
OVL0437 n	Unable to open message file for language n.
OVL0438 n	Could not open B-tree index file for language n.
OVL0439 n	Unable to read B-tree root page for language n.
OVL0440 n	B-tree initialization failed for language n.
OVL0441	Help text could not be found for the specified error code.
OVL0442	The error code specified is not a valid error code.
OVL0443	Unable to send request.
OVL0444	Unable to create help task queue.
OVL0446	The LON and LOF commands are not applicable to MSDL TTY.
OVL0447	Use LD 135 for Option 81 Core Common Equipment Diagnostic. LD 35 does not apply.
OVL0448	System message lookup is temporarily unavailable. **Action:** Wait 30 seconds and repeat request.
OVL0451	TTY is not a low speed link.
OVL0700	Resident debug package is not equipped.
OVL0777	Resident debug package is already loaded.
OVL0778	LSL with flow type of MAIL is not accessible from a pseudo TTY.
OVL0779	There is more than one LSL configured in the system. **Action:** Use AX n, where n is the TTY number of the LSL to be connected to.

System Patch reports

PCH messages

PCH0100	Cannot create semaphore.
PCH0101	Invalid semaphore ID or task timed out.
PCH0102	Warning: failed to add symbol n to symbol table.
PCH0103	Warning: failed to remove symbol n from symbol table.
PCH0107	Cannot write back activate memory list. Patch data inconsistency might have
PCH0108	Program corruption. Restore memory list if null.
PCH0109	Program corruption. Activate memory list if null.
PCH0110	PATCH x ACTIVATED. Name=a, Ref#=b, PRS#=c, File=d.
PCH0111	PATCH x DEACTIVATED. Name=a, Ref#=b, PRS#=c, File=d.
PCH0113	Cannot restore back memory. Patch data inconsistency might have occurred.
PCH0115	Error activating patch x. buildMemLists call failed.
PCH0116	Error writing memory. Cannot activate patch x.
PCH0117	Error writing memory. Cannot deactivate patch x.
PCH0119	Cannot load patch. System contains the maximum number of patches already.
PCH0120	Error writing to retention file. Retention info might be out of synch.
PCH0123	Error loading patch from n.
PCH0124	Internal error, cannot get summary patch status at this time.

Action: Check the report log file for further information.

PCH0125 Internal error, cannot deactivate patch at this time.

Action: Check the report log file for further information.

PCH0126 Internal error, cannot activate patch at this time.

Action: Check the report log file for further information.

PCH0127 Internal error, cannot load patch at this time.

Action: Check the report log file for further information.

PCH0129 Internal error, cannot get detailed patch status at this time.

Action: Check the report log file for further information.

PCH0130 Internal error, cannot remove patch at this time.

Action: Check the report log file for further information.

PCH0131 Error deleting patch status record. Record not found.

PCH0132 Patch status tail pointer is null.

PCH0133 Invalid patch level received in patchload.

PCH0134 Full patch path length exceeded.

PCH0136 Patch filename empty in patchload.

PCH0137 Patch filename is not a full path in patchload.

PCH0138 Patch handle out-of-range in patchload

PCH0139 Cannot allocate memory for patchload.

PCH0141 Error reading patch file during patchload.

PCH0142 Patch Release x does not match the system Release y.

Action: Recreate the patch for the system release.

PCH0143 Cannot determine default patch directory from DLO.

PCH0144 Patch retention array not initialized.

PCH0200 Cannot initialize patch semaphore.

PCH0201 Warning: cannot initialize patch retention. Patch retention will not be possible.

PCH0202 Warning: patch retention at diskos level failed. Some or all diskos patches may not have been retained.

PCH0203 Unable to open patch file n.

PCH0204 Cannot allocate protected memory for patch

PCH0205 Error in reading patch file n.

PCH0206 Memory patch from n to m is out-of-range.

Action: Remake and retry the patch.

PCH0207 Memory patch mismatch between expected and actual. Either the patch was created incorrectly or it is the wrong patch for this software release.

PCH0208 Error accessing patch file n.

PCH0210 Error reading patch file n.

PCH0211 Patch corrupted. Address to patch is out-of-range.

Action: Remake and retry the patch.

PCH0212 Address of patch code (x) is out-of-range.

Action: Take the patch out, then try to load and activate it again.

PCH0213 Failed to find start of WORKSHED loop near x.

PCH0214 System error. Patcher cannot be initialized.

PCH0215 Invalid patch file format.

Action: Remake and retry the patch.

PCH0216 Unexpected code at start of SL-1 global procedure n. The patch might not match the release that is loaded.

PCH0217 Unexpected code in SL-1 patch global procedure n.

Action: Remake and retry the patch.

PCH0219 Unexpected code in SL-1 global procedure n.

Action: Remake and retry the patch.

PCH0220 NULL filename passed to readInPatch.

PCH0221	Unexpected code at start of C function n at x. The patch might not match the release that is loaded.
PCH0222	Checksum of patch read into memory x. does not match expected checksum x
PCH0223	Error reading patch file to compute checksum.
PCH0224	Error writing checksum to patch file.
PCH0300	Handle n out-of-range in writeRetenRec.
PCH0301	Retention structure not initialized. Patcher is most likely unusable.
PCH0302	Cannot open patch retention file n.
PCH0303	Error accessing patch retention file n.
PCH0304	Error writing to patch retention file n.
PCH0305	Error closing patch retention file n.
PCH0306	Internal error, patch retention not initialized.
PCH0307	Cannot get patch retention directory from DLO.
PCH0308	Error remaining patch retention file from n to m. Patch retention may not be performed properly.
PCH0309	Error creating patch retention file n.
PCH0310	Patch retention array re-initialized.
PCH0311	Patch retention file re-created.
PCH0312	Cannot allocate protected memory for patch retention.
PCH0313	Cannot initialize patch retention.
PCH0314	Internal error, unknown patch retention level.
PCH0315	Cannot allocate Diskos memory for patch retention.
PCH0316	Error reading temporary patch retention file n. Retention may not be performed properly.
PCH0317	Internal error, bad patch retention record.

PCH0318	Cannot get semaphore fro patch retention.
PCH0319	Error regaining patch from n.
PCH0320	Cannot retain patch from n. It is already loaded.
PCH0321	Retention data inconsistency, patch handle = x.
PCH0322	Cannot activate retained patch.
PCH0323	Error initializing patch retention data. Patcher inoperable.
PCH0400	Internal error, invalid parameter memSpec.
PCH0401	Internal error, invalid empty memSpec.
PCH0402	Internal error, invalid memlist elements.
PCH0403	Internal error, invalid argument to patch fix hits.
PCH0404	Cannot get task n priority, errno x.
PCH0405	Cannot restore task n priority back to y, errno z.
PCH0406	Internal error, null mempec.
PCH0407	Warning: patchMemWrite task list full.
PCH0408	Cannot suspend task x, errno y.
PCH0409	Could not write memory because it is being accessed by a task.
PCH0410	Warning: cannot resume task n, errno y.
PCH0411	Internal error, null memList.
PCH0412	PatchMemWrite request is out of range.
PCH0500	Cannot get semaphore for patch sanity check.
PCH0501	Cannot deactivate patch suspected to be bad.
PCH0502	Deactivating patch suspected of causing sysload.
PCH0503	Cannot update patch days-in-service at midnight.
PCH0504	Deactivating patch suspected to be causing initializations.

Property Management System Interface

The Property Management System Interface (PMSI) is an optional feature available on Generic X11 Release 10 and later. The PMSI program monitors call processing continuously and outputs problems in the form of PMS messages.

PMS messages

PMS0610 PMS input/output block pointer does not exist.

PMS0611 PMS link does not exist. (for example, no unprotected data)

Primary Rate Interface Diagnostic (LD 60)

The Primary Rate Interface (PRI) diagnostic program is used to maintain the following:

— QPC472 Digital Trunk Interface (DTI) card

— QPC720 Primary Rate Interface (PRI) card

The PRI messages provide information concerning the following:

— Responses to commands entered in LD 60

— Database errors relevant to PRI interfaces

— Protocol errors associated with a PRI link

PRI messages

PRI0000 loop v — No problem. Correct version ID (s) was received from PRI loop.

PRI0001 loop — No problem. DCHI ready to transmit, PRI ready to receive.

PRI0002 loop — PRI channel 24 not ready to receive.

Action: 1. Check PRI status.

2. Check PRI to DCHI cable.

PRI0003 loop — DCHI not ready to transmit.

Action: 1. Check PRI status.

2. Check PRI to DCHI cable.

3. Check the DCHI status.

PRI0004 loop PRI not ready and DCHI not ready.

PRI0005 loop v Incorrect version ID (v) was received from PRI loop. The SL-1 software release is not compatible with the PRI hardware vintage.

PRI0006 loop Response timeout, no version ID received.

Action: 1. Be sure QPC720 is being used, not QPC472.

2. Be sure PRI hardware and software are correctly installed.

3. Check PRI status.

PRI0010 loop Disabling of this loop not allowed. Associated DCHI must be disabled first.

PRI0011 loop DCH port number mismatch between PDCH block and PPRI loop block.

Action: This is a software problem. Report it to the technical assistance center.

PRI0100 loop ch The B-channel indicated in the outgoing SETUP is locked out because the far-end is using an alternate B-channel.

PRI0101 loop ch c The B-channel (ch) is locked out because a RELCOMP or RELEASE message has been received with one of the following cause (c) values:

82 = channel does not exist

44 = requested channel is not available

6 = alternate channel acceptable

PRI0200 Protocol Error: A Global CREF number is needed for any service message. Format: DCH: x DATA: y . Where: x = D-channel number and y = Message type

Action: If the condition persists, contact your technical support group.If the condition persists, contact your technical support group.

PRI0201 Protocol Error: Invalid maintenance state in the service message. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0202 Protocol Error: Incorrect value for extension bit. Output data: DCH: x DATA: y z.

Action: If the condition persists, contact your technical support group.

PRI0203 Protocol Error: Mandatory Notification description invalid. Output data: DCH: x DATA: y z . Where: x = D-channel number, y = Message type, and z = Information Element (IE).

Action: If the condition persists, contact your technical support group.

PRI0204 Database Error: Feature is not allowed for this interface. Output data: DCH: x DATA: y z . Where: x = D-channel number, y = D-channel interface ID and z = ESL or ISA.

Action: Verify data is correct in the configuration record and the route data block.

PRI0205 Protocol Error: NSF IE is missing from the SETUP message received from the far end. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: Check the database in the far-end switch to ensure the NSF IE is included as part of the call origination.

PRI0206 Protocol Error: The length of the incoming call reference value was incorrect. The length allowed in North America is 1 or 2. For some other interfaces only a length of 2 is allowed. There may be a compatibility problem with the far end.

Output data: DCH: x DATA: y . Where: x = D-channel number and y = Call reference length.

Action: If the condition persists, contact your technical support group.

PRI0207 Protocol Error: Wrong message type. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0208 Protocol Error: Wrong information element (IE) for message type. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0209 Protocol Error: Undefined information element (IE) for message type. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0210 Protocol Error: Wrong coding standard. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Coding standard.

Action: If the condition persists, contact your technical support group.

PRI0211 Protocol Error: Incorrect extension bit. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0212 Protocol Error: Bearer capability (BC) - Information transfer not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Transfer capability.

Action: If the condition persists, contact your technical support group.

PRI0213 Protocol Error: Bearer capability (BC) - Information transfer rate/mode not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Transfer rate.

Action: If the condition persists, contact your technical support group.

PRI0214 Protocol Error: Bearer capability (BC) - Layer 1 protocol ID not correct. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Protocol ID.

Action: If the condition persists, contact your technical support group.

PRI0215 Protocol Error: Bearer capability (BC) - Rate is not correct. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0216 Protocol Error: Bearer capability (BC) - Rate is not correct. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Rate.

Action: If the condition persists, contact your technical support group.

PRI0217 Protocol Error: General location not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = General location number.

Action: If the condition persists, contact your technical support group.

PRI0218 Protocol Error: Cause value not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Cause information element (IE).

Action: If the condition persists, contact your technical support group.

PRI0219 Protocol Error: Channel ID octet 3 error. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Octet 3.

Action: If the condition persists, contact your technical support group.

PRI0220 Protocol Error: Channel ID octet 5 error. Output data: DCH: x DATA: y . Where : x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0221 Protocol Error: Channel ID octet 5 error. Incorrect BCH standard. Output data: DCH: x DATA: y . Where: x = D-channel number and y = B-channel standard

Action: If the condition persists, contact your technical support group.

PRI0222 Protocol Error: Channel number does not exist. Output data: DCH: x DATA: y . Where: x = D-channel number and y = B-channel number.

Action: If the condition persists, contact your technical support group.

PRI0223 Protocol Error: CREF flag in SETUP message is incorrect. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Call reference number.

Action: If the condition persists, contact your technical support group.

PRI0224 Protocol Error: State message error, protocol violation. The state IE is not appropriate for the current state. Output data: DCH: x DATA: a b c d e . Where

x = D-channel number

a = Pointer to PRI message call register

b = UTN

c = StatePM

d = Message type

e = Call reference number

Action: If the condition persists, contact your technical support group.

PRI0225 Protocol Error: State message error, protocol violation. Release complete received in U11 or U31 state. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.If the condition persists, contact your technical support group.

PRI0226 Protocol Error: No RESTart ACK message received. Output data: DCH: x DATA: y . Where: x = D-channel number and y = UTN.

Action: If the condition persists, contact your technical support group.

PRI0227 Protocol Error: Message received in NULL state. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0228 Protocol Error: Mandatory Channel ID missing in ALERTing. Output data: DCH: x DATA: y . Where: x = D-channel number and y = NONE.

Action: If the condition persists, contact your technical support group.

PRI0229 Protocol Error: Mandatory Channel ID missing in incoming CONNect message. Output data: DCH: x DATA: y . Where: x = D-channel number and y = NONE.

Action: If the condition persists, contact your technical support group.

PRI0230 Protocol Error: Incoming NSF contains a mismatch between the route defined by the SID and the call type defined for that route. Output data: DCH: x DATA: a b c . Where :

x = D-channel number

a = Facility value

b = ISA service type

c = Route number

Action: If the condition persists, contact your technical support group.

PRI0231 Database Error: NSF error. Invalid service or feature type. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: Coordinate fields with far end switch.

PRI0232 Protocol Error: PROGRESS INDICATOR not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0233 Protocol Error: ZERO length for mandatory information element (IE). Output data: DCH: x DATA: y . Where: x = D-channel number and y = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0234 Protocol Error: ZERO length for optional information element (IE). Output data: DCH: x DATA: y . Where: x = D-channel number and y = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0235 Protocol Error: Bearer capability (BC) - Layer ID is not correct. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Layer ID.

Action: If the condition persists, contact your technical support group.

PRI0236 Protocol Error: Incorrect Transit Network Selection (TNS) Network ID. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0237 Protocol Error: Message length exceeds buffer size. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0238 Protocol Error: Protocol discriminator is not compatible with the message received. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Protocol discriminator.

Action: If the condition persists, contact your technical support group.

PRI0239 Protocol Error: Maintenance message is not allowed for this DCH interface. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0240 Protocol Error: No service ack message received. Output data: DCH: x DATA: y . Where: x = D-channel number and y = UTN.

Action: If the condition persists, contact your technical support group.

PRI0241 Protocol Error: No response from far end to this PRI call. Output data: DCH: x DATA: y . Where: x = D-channel number and y = B-channel number.

Action: If the condition persists, contact your technical support group.

PRI0242 Protocol Error: Received a PRI message with an unsupported service identifier. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Service identifier.

Action: If the condition persists, contact your technical support group.

PRI0243 Protocol Error: Service discriminator is not supported by PRI. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Service discriminator.

Action: If the condition persists, contact your technical support group.

PRI0244 Protocol/Database Error: Facility reject message received. Output data: DCH: x DATA: a b c d e . Where:

x = D-channel number

a = Originating PNI

b = Originating number

c = Destination PNI

d = Destination number

e = Reason

Action: Verify that the PNI values are correct in the customer and route data blocks and are consistent with the switch on the other end of the link.

PRI0245 Database Error: Missing PNI number in the customer data block. Output data: DCH: x DATA: y z . Where:

x = D-channel number

y = Customer number

z = Service ID

Action: Look into the customer data block to configure the PNI.

PRI0246 Protocol Error: Received bad facility information element (IE). Output data: DCH: x DATA: y . Where: x = D-channel number and y = Error indication.

Action: If the condition persists, contact your technical support group.

PRI0247 Database Error: PNI missing in Route Data Block. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Service identifier.

Action: Configure the PNI in the route data block.

PRI0248 Protocol Error: ROSE component sent is being rejected. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Service identifier.

Action: If the condition persists, contact your technical support group.

PRI0249 Protocol Error: ISDN: Received a Status message with CAUSE = 30. This is normally received in response to a Status Enquiry but the Meridian 1 did not send out a Status Enquiry message. The Status message is ignored. Output data: DCH: x DATA: y . Where: x = D-channel number and y = D-channel interface ID.

Action: If the condition persists, contact your technical support group.

PRI0250 Protocol Error: Received information element (IE) is in the wrong codeset.Output data: DCH: x DATA: y . Where: x = D-channel number and y = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0251 Protocol Error: The Presentation Method of Protocol Profile (PMPP) is wrong in the High Layer Compatibility IE. Output data: DCH: x DATA: y . Where: x = D-channel number and y = High Layer Compatibility PMPP.

Action: If the condition persists, contact your technical support group.

PRI0252 Protocol Error: The Interpretation of High Layer Characteristics ID is wrong in the High Layer Compatibility IE. High Layer Compatibility INTERPRT

Action: If the condition persists, contact your technical support group.

PRI0253 Protocol Error: The High Layer Characteristic ID is wrong in the High Layer Compatibility IE.Output data: DCH: x DATA: y . Where: x = D-channel number and y = High Layer Compatibility CHAR ID.

Action: If the condition persists, contact your technical support group.

PRI0254 Database Error: The DCH is interfacing with a software issue not supported by the application. Output data: DCH: x DATA: y z . Where:

x = D-channel number

y = Release ID

z = Service identifier

Action: Verify that the release ID in the configuration record is the same as the software release running on the far end switch.

If available, turn on the Alarm Filtering Package (#243) or Upgrade all the ISDN MCDN switches to the same software Release.

PRI0255 Protocol Error: Information request type is not supported. A message error or a protocol error will be generated depending on whether the I.E. is mandatory or not. Output data: DCH: x DATA: y z . Where: x = D-channel number, y = Message type, and z = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0256 Protocol Error: Wrong length for information request I.E. The length on the received I.E. is beyond the range. A message error or a protocol error will be generated depending on whether the I.E. is mandatory or not. Output data: DCH: x DATA: y z . Where: x = D-channel number, y = Message type, and z = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0257 Protocol Error: Information request specific is not supported. A message error or a protocol error will be generated depending on whether the I.E. is mandatory or not.Output data: DCH: x DATA: y z . Where: x = D-channel number, y = Message type, and z = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0258 Protocol/Database Error: An attempt is being made to insert more that 8 digits in the calling party number for a call originating or tandeming through this switch. Only eight (8) digits can be included in the calling party number, or the digits are truncated to the right (AXE-10 Australia interface only). Output data: DCH: x DATA: TANDEM or ORIG . Where: x = D-channel number.

Action: For originating calls, modify LD 15 PFX1 and PFX2 so that

PFX1+PFX2+DN is less than 8 digits. For tandeming calls, notify far end of incoming trunk that more than 8 digits are being sent.

PRI0259 Protocol Error: Mandatory Channel ID missing in CALL PROC message. Output data: DCH: x DATA: y . Where: x = D-channel number and y = NONE.

Action: If the condition persists, contact your technical support group.

PRI0261 Database Error: The D-channel interface for routing Network Message Service (NMS) facility messages is not an Meridian 1 interface. Output data: DCH: x DATA: a b c d . Where:

x = D-channel number

a = Operation code for TCAP protocol

b = Originating digits

c = Terminating digits

d = Customer number

Action: Verify database configuration.

PRI0262 Protocol Error: Invalid value for the interface identifier field of channel ID information element from an incoming message. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0263 Protocol Error: Invalid value for the class field of restart indicator information element from an incoming message. Output data: DCH: x DATA : y. Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0264 Protocol Error: Received an invalid call reference from far-end switch. Output data: DCH: x DATA: y. Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0265 Database Error: A Facility Reject message was received. Destination digits cannot be translated. Output data: DCH: x DATA: a b c d e.

Where:

x = D-channel number

a = TCAP package type

b = Problem (NOXLAN/NONMS)

c = Originating digits

d = Destination digits

e = Customer number

Action: Verify numbering plan databases are consistent between the near and far end switches.

PRI0266 Protocol Error: TCAP Package type is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d e f.

Where:

x = D-channel number

a = TCAP package type

b = TCAP component type

c = Problem d = Originating digits

e = Destination digits

f = Customer number

Action: If the condition persists, contact your technical support group.

PRI0267 Protocol Error: TCAP Package type is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d .

Where:

x = D-channel number

a = TCAP package type

b = Originating digits

c = Destination digits

d = Customer number

Action: If the condition persists, contact your technical support group.

PRI0268 Protocol Error: TCAP Component is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d e .

Where:

x = D-channel number

a = TCAP package type

b = TCAP component type

c = Originating digits

d = Destination digits

e = Customer number

Action: If the condition persists, contact your technical support group.

PRI0269 Protocol Error: TCAP Operation is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d e f.

Where:

x = D-channel number

a = TCAP package type

b = TCAP component type

c = Operation

d = Originating digits

e = Destination digits

f = Customer number

Action: If the condition persists, contact your technical support group.

PRI0270 Protocol Error: TCAP parameter is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d e f g.

Where:

x = D-channel number

a = TCAP package type

b = TCAP component type

c = Operation

d = Parameter

e = Originating digits

f = Destination digits

g = Customer number

Action: If the condition persists, contact your technical support group.

PRI0271 Database Error: LDN0 must be defined for the customer for ISDN DID calls in order to determine the number of digits expected for successful call termination. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Customer number.

Action: Configure LDN0 in the customer data block.

PRI0272 Message is ping-pong between 2 nodes.

PRI0273 An application has requested to send a Facility/Facility Reject message on an unsupported ISDN interface. The request is being rejected.

Output: DCH or DSL number, PRI/BRIT type, Service identifier The following service identifiers are defined:

1. Network ring again
2. Network ACD
3. Network Attendant Service
4. Network Message Center
5. Trunk Route Optimization
6. Network Call Trace
7. Remote Virtual Queuing
8. VNS service
9. Network Remote Call Forward
10. Network Radio Paging

PRI0274 Network Message Service, TCAP Return Error message.

PRI0275 Network Message Service, TCAP Reject error message.

PRI0276 Network Message Service, DN in ORIG IE invalid.

PRI0277 Invalid call state (Layer 3 protocol error).

PRI0278 x Unable to enable DCH x because the IPRA package is restricted, and is a prerequisite for this interface.

PRI0279 Enabling channels on a secondary loop (nB plus D, where the loop is entered for the PRI2 prompt in LD 17) is blocked if the INBD package is restricted.

PRI0280 Enabling a Backup DCH is not allowed. Not supported by IFC.

PRI0281 Display IE length exceeds 32 digits.

PRI0282 Facility ID received is not supported.

PRI0283 Facility ID received is invalid.

PRI0284 Control Code received is not supported.

PRI0285	Control Code received is invalid.
PRI0286	AOC Information contains non-numerical (0-9) characters.
PRI0287	AOC Charge Count field contains more than 8 digits.
PRI0288	AOC Info field had no characters contained within it.
PRI0289	AOC Info field contains leading zero.
PRI0290	AOC Charge per Charge Count field contains more than 2 digits.
PRI0291	AOC Request contained invalid Control Code.
PRI0292	AOC Requested but customer not Subscribed to service.
PRI0293	Missing '#' in Facility Info String.
PRI0294	Display IE contains non-ASCII characters.
PRI0295	Expected more characters in Display IE.
PRI0296	Diagnostic missing from Cause IE when Cause equals Facility Rejected.
PRI0297	Diagnostic field of Cause IE contains invalid characters.
PRI0298	Advice of Charge at end of call has been requested, but the request was rejected by the Central Office.
PRI0299	A facility has been requested that is not supported by the Central Office.
PRI0300	Only AOC Total Charge is supported.
PRI0301	AOC IE contains unsupported characters
PRI0302	AOC IE contains a decimal point in the wrong position.
PRI0303	Advice of Charge IE length exceeds 12 digits (Japan D70).
PRI0304	The MCT FACILITY identifier is not recognized by the AXE10 CO.
PRI0305	The MCT control code is not recognized by the AXE10 CO.
PRI0306	The user is not subscribed for the MCT request at the CO.
PRI0307	CLID length exceeds maximum allowed for the Australian interface. **Action:** Configure billing number to maximum allowed.

PRI0308 Unsolicited Return Result / Return Reject for TOA was received from far-end switch.

Action: Monitor the incoming Facility IE sent by the far-end switch and report to Administration

PRI0309 CALL ID in Invoke for third party interaction has already been sent.

Action: Monitor the outgoing Facility IE and report to Administration

PRI0310 Far-end does not recognize Calling Party # . Output data: DCH: x DATA: y. Where: x = D-channel number and y = Information Element (IE).

Action: Check PRFX,LDN in CDB

PRI0311 CALL ID in Return Result has already been received

Action: Monitor the incoming Facility IE sent by the far-end switch and report to Administration

PRI0312 INVOKE for TOA received from far-end switch has incorrect format.

Action: Monitor the incoming Facility IE sent by the far-end switch and report to Administration.

PRI0362 Invalid timeout event detected.

PRI0363 Invalid service message progress mark found.

PRI0364 The message type received by the backup D-channel handler is not recognized.

PRI0365 The backup D-channel maintenance state is invalid to process the service message.

PRI0366 The backup D-channel maintenance state is invalid to process the received service acknowledge message.

PRI0367 The e D-channel link has to be established in order to send out service or service acknowledge message.

PRI0368 The D-channel link has to be established and in service in order for a call processing message to be sent out.

PRI0369 A layer 3 message has been received on a D-channel which is not in service.

PRI0370 An invalid loop number is given for PRI interface restart.

PRI0371 Audit - THe primary D-channel (D1) state should be disabled.

PRI0372 Audit - The backup D-channel (D2) state should be disabled.

PRI0373 Audit - The D-channel should not be in service.

PRI0374 Audit - The D-channel should not be in standby state.

PRI0375 Audit - Invalid state detected for backup DCH, as the D-channel is enabled - the state is changed to out-of-service(OOS).

PRI0376 Audit - the D-channel is in the Wait state but the link is not established.

PRI0377 Audit - The D-channel is in the Wait state but no timer is running.

PRI0381 Database Error: TCAP Is unable to route the message using the digits in DIGIT_WORD of the call register.

Output data: DCH: x DATA: y z z1

Where: x = D-channel number, y= DIGIT_WORDSz=TCAP dest IE routing type, and z1 = TCAP dest digits.

PRI0382 The UIPE layer 3 loadware INIT Rebuild Timer has expired. The BRIE INIT rebuild process has been aborted. Transient call will not be rebuilt. Output data: DCH: x DATA: y. Where: x= D-channel number and y= message type.

PRI4501 Invalid service identifier. This service identifier which defines a supplementary service is currently invalid or not supported by M1.

PRI5029 Reverse charging is not allowed.

PRI5030 {PRI2 TN} {phantom DTI2 TN} A PRI2 trunk used by the ISPC feature has been found in an invalid state. The call active on the ISPC phantom DTI2 trunk (which is linked with the PRI2 trunk) is cleared.

The phantom DTI2 trunk is put in disabled state.

The ISPC call active on the PRI2 trunk is cleared.

PRI5032 DH: n DATA: id DCHI does not have expanded firmware so cannot support this service ID; or if the pack installed has the expanded firmware, the pack needs to be reseated.

Action: Disable all ports on the card, then remove and reseat the card. Re-enable the ports. The error message should not recur.

PRI5033 An application has requested to send on a QSIG a non-call related message received on MCDN but the QSIG RCAP is not configured on the outgoing link or the service is not supported on QSIG. The message is rejected.

Output: DCH or DSL number, PRI/BRIT type, Service identifier. The following service identifiers are defined:

1. Network ring again
2. Network ACD
3. Network Attendant Service
4. Network Message Center
5. Trunk Route Optimization
6. Network Call Trace
7. Remote Virtual Queuing
8. VNS service
9. Network Remote Call Forward
10. Network Radio Paging

Power and System Monitor

PWR messages are received from the System Monitor. They indicate power and temperature status or failures. The output format for all PWR messages is:

PWRxxxx HW SM UEM U

Where:

HW = hardware type, possible values are:

CRBK = Circuit Breaker
DCSP = DC power supply
FANU = Fan unit
PFTC = Power Fail Transfer Card
PWSP = Power Supply including the ringing generator
THSW = Thermal Switch
UPSA = Uninterruptible Power Supply Alarm
XSMC = System Monitor Card

SM = System Monitor (0-63), 0 = the master System Monitor

UEM = Universal Equipment Module, possible values are:

0 = bottom UEM or not applicable
1 = second UEM
2 = third UEM
3 = top UEM

U = power unit number, possible values are:

0 = not applicable
1 = power unit 1
2 = power unit 2

PWR messages

PWR0000 hw — System Monitor or power supply is OK. Output may be:

PWR0000 XSMC — System Monitor is OK

PWR0000 PWSP — Power unit is OK

PWR0001 — Partial failure on power supply.

Action: Replace the indicated power supply.

PWR0002 — Complete failure on power supply.

Action: Replace the indicated power supply.

PWR0003 — Power supply not installed or has been removed.

PWR0004 — Circuit breaker has tripped. System has overheated.

Action: Check the blower unit, air filter, air ventilation and room air conditioning.

PWR0005 — One or more fans has failed in the Blower unit.

Action: Replace the unit.

This message occurs when the NT7D17AC or NT7D17DC fan shelf in Option 21 systems is turned on. This is not an error condition if PWR0005 is followed by PWR0046 (sensor alarm cleared) and PWR0045 (fan functioning).

PWR0006 — Blower air probe temperature sensor alarm. This indicates one of the following:

1. Blower air probe temperature sensor has reached
2. 55 degrees C (131 degrees F).
3. Blower unit has lost power.
4. Blower unit air probe temperature sensor is faulty or disconnected.

Action: Check the blower unit, air filter, air ventilation and room air conditioning.

PWR0007 — Column temperature has reached 70 degrees C (158 degrees F). If the blower has reached 55 degrees C (PWR0006 message) then the circuit breaker will trip in 30 seconds.

Action: Check the blower unit, air filter, air ventilation and room air conditioning.

PWR0010 hw — For PWR010 UPSA: Uninterruptible Power Supply (UPS) alarm condition 1. The meaning depends on the UPS manufacture

Best Inc. UPS — inverter is ON

	Lorain UPS — inverter is ONExide UPS — AC power failed Alpha UPS — inverter is ON For PWR010 DCSP: DC trip alarm is ON (circuit breaker has tripped).
PWR0012 hw	For PWR012 UPSA: Uninterruptible Power Supply (UPS) Summary alarm (condition 2). The meaning depends on the UPS manufacturer. Best Inc. UPS — Summary alarm is ON Lorain UPS— bypass is ON Exide UPS — bypass is ON Alpha UPS — low battery For PWR012 DCSP: DC alarm is ON.
PWR0013	Slave System Monitor is not responding. **Action:** Check the serial link cable or replace the System Monitor.
PWR0014	System Monitor failed self test. **Action:** Replace the System Monitor.
PWR0015	SL-1 NT, RT, ST or XT cabinet has an alarm condition.
PWR0016	Power fail transfer has been activated.
PWR0017	DCON 0 alarm is ON. **Action:** Check DC power supply.
PWR0018	DCON 1 alarm is ON. **Action:** Check DC power supply.
PWR0019	DCON 2 alarm is ON. **Action:** Check DC power supply.
PWR0020	DCON 3 alarm is ON. **Action:** Check DC power supply.
PWR0044	Circuit breaker had been reset.
PWR0045	Fan unit repaired.
PWR0046	Blower unit air probe temperature sensor is now less than 55 degrees C (131 degrees F).

PWR0047	Column temperature now less than 70 degrees C (158 degrees F). Circuit breaker trip signal is released.
PWR0050 hw	For PWR050 UPSA: Uninterruptible Power Supply (UPS) alarm condition 1 has been cleared. For PWR050 DCSP: DC trip alarm is OFF (circuit breaker has been reset).
PWR0052 hw	For PWR052 UPSA: Uninterruptible Power Supply (UPS) alarm condition 2 has been cleared. For PWR050 DCSP: DC alarm is OFF.
PWR0053	Slave System Monitor is now responding.
PWR0054	System Monitor passed self test.
PWR0055	SL-1 NT, RT, ST or XT cabinet alarm condition has been cleared.
PWR0056	Power fail transfer deactivated.
PWR0057	DCON 0 alarm has been cleared.
PWR0058	DCON 1 alarm has been cleared.
PWR0059	DCON 2 alarm has been cleared.
PWR0060	DCON 3 alarm has been cleared.

Recovery Messages

With X11 Release 19.30 and later, the Meridian 1 has the capability to avert system initializations with code 000C through an auto-recovery mechanism. When an error condition is detected that can lead to an INI000C, the auto-recovery mechanism will analyze the problem to determine whether it could be resolved locally without triggering a system initialization.

If the error condition can be resolved, a Recovery Messages (RCV) will be printed on the maintenance TTY, indicating the nature of the problem and the fact that an INI000C has been averted.

If the error condition cannot be resolved, an INI000C will be invoked in the current operation. If multiple RCV messages are received, the system will trigger an initialization to ensure system integrity. However, the initialization will be deferred until after the midnight routines to avoid impact to call processing. The INI001C message will appear to identify the deferred initializations.

If RCV messages have occurred multiple times within a 24-hour period, report the error conditions to your support engineer.

Prior to X11 Release 19.30, the INI000C codes also cover scenarios other than those identified in RCV messages. With Release 19.30 and later, the INI001D code is produced to identify scenarios in which the auto-recovery mechanism cannot be applied.

RCV messages

RCV0000 An invalid queue block type was found. The auto-recovery mechanism has taken appropriate action to avert INI000 000C.

Action: If more than one RCV message has appeared, report the problem to your technical support group.

RCV0001 Invalid queue information was found. The auto-recovery mechanism has taken appropriate action to avert INI000 000C.

Action: If more than one RCV message has appeared, report the problem to your technical support group.

RCV0002 A broken queue problem was detected. The auto-recovery mechanism has taken appropriate action to avert INI000 000C.

Action: If more than one RCV message has appeared, report the problem to your technical support group.

RCV0003 Invalid information was found in the queue header block. The auto-recovery mechanism has taken appropriate action to avert INI000 000C.

Action: If more than one RCV message has appeared, report the problem to your technical support group

1.5 Mb/s Remote Peripheral Equipment Diagnostic (LD 33)

This program is loaded manually or as one of the daily maintenance (midnight) routines. It must be included in the midnight routines for any system having Remote Peripheral Equipment (RPE).

Problems are reported in RPD messages.

RPD messages

RPD0000 Program identifier. No action.

RPD0001 Invalid input character.

Action: Check input.

RPD0002 Invalid command.

Action: Check input.

RPD0003 Incorrect number of parameters for command.

RPD0004 Invalid customer number for CMIN.

Action: Check input.

RPD0005 Invalid parameter value or option for command.

Action: Check input.

RPD0006 Loop specified is not an RPE loop. Command was not executed.

Action: Use LRPE command to determine which loops are equipped RPE loops.

RPD0007 ENLL command specified loop which was already enabled or test was requested on disabled loop. Command not executed.

Action: Use ENLL or DISL as required.

RPD0008 ENLL command not executed.

Action: Use LD 32 to enable PS.

RPD0009 A DISI request is already active. The current request may be canceled via the END command.

RPD0010 Command execution is in progress.

Action: Enter END to terminate, if required.

RPD0011 Attempt to disable primary carrier. Command not executed.

Action: Use SCAR command to make the other carrier primary.

RPD0012 loop c The current command has cancelled an active DISI request for carrier c. This is not an error condition.

RPD0013 Carrier enabled when ENLC command given or carrier disabled when DISI or DISC command given. Command not executed.

Action: Use ENLC or DISC.

RPD0014 Current non-primary carrier disabled or DISI active on carrier.If this condition is detected during the midnight routines, the loop number is also output. SCAR command not executed.

Action: Use ENLC to enable secondary carrier.

RPD0015 Cannot switch carriers due to faults on secondary carrier. Disabling, then re-enabling the secondary carrier will clear fault indications for the carrier. This procedure should be used only if it is essential to switch carriers or if it is believed that the fault on the carrier has been cleared.

RPD0016 Command not available.

Action: Use LD 62.

RPD0017 Continuity test not done. All channels were busy. Test later. No fault implied.

RPD0018 loop c Carrier c disabled per DISI request.

RPD0019 Cannot switch carriers. Carrier status monitoring is disabled. If this condition is detected during midnight run, loop number is also output.

Action: Use the ENLM command to re-enable status monitoring.

RPD0020 Attempt to disable a loop to which the active maintenance set is connected. Command is not executed.

RPD0021 loop An input buffer overflow occurred during an RPS test of the loop. Some signaling messages were lost. The memory test was terminated. No fault is implied.

Action: Repeat test later.

RPD0022 A STAT command was entered to check the status of the current DISI command but no DISI command was active.

RPD0030 Program was loaded automatically to check carrier which had been automatically re-enabled. All RPE loops are tested and faults are indicated by output codes.

RPD0202 loop: s1 s2 sn Continuity test failed for shelves s1, s2, etc. If all shelves on the loop failed, treat as RPD240. If at least one shelf is not in the list, probable fault in:

1. Peripheral Buffer or Controller
2. cable connecting network card to PE shelves

RPD0203 loop: n Test of connection memory of network card failed, n channels are disabled. Network card probably faulty. If multiple network cards in the same group show this fault, it may be a fault in the CE extender connected to the group.

RPD0204 loop Loop failed to respond to ENLL. Check that the network card is present and enabled at the faceplate switch. If so, the card may be faulty. If other loops on the same shelf fail to respond, it may be a fault in the CE extender to the group.

RPD0205 loop The continuity checker is faulty. Possible fault in the network card.

RPD0208 loop ts Network map indicates timeslot is idle but network memory is not idle.

RPD0211 loop c Outgoing carrier c has failed. Timeslots using this carrier have been busied out. Use LD 62 LOCL command to check local end. If RPE211 is output from this command, then the fault may be:

1. QPC62 1.5Mb/s Baud Converter at local end
2. other local RPE cards
3. Network card

RPD0214 loop c Incoming carrier c has failed. Timeslots using this carrier have been busied out. Use LD 62 LOCL command to check local end. If RPD214 or RPD215 is output from this command, then the fault may be:

1. QPC99 Carrier Interface at local end
2. QPC63 Local Carrier Buffer

3. Network card

If RPD214 or RPD215 is not output from the LOCL command, then the fault may be in the incoming line from the remote site, or the QPC62 at the remote site.

RPD0215 loop c Same as RPD214.

RPD0220 loop Local carrier buffer card does not respond. Fault may be:

1. QPC63 Local Carrier Buffer
2. Network card
3. cable connecting the above cards

RPD0221 loop Local carrier buffer card failed signaling test. See RPD220 for possible faults.

RPD0230 loop The QPC65 Remote Peripheral Switch failed to respond. Use LD 62 STAT command to determine which carrier is primary, then use the LOCL loop c ALL command to test that carrier's local equipment. If the test shows no fault at the local end, the fault may be in the remote end:

1. QPC63 Local Carrier Buffer
2. Network card
3. cable connecting the above cards

RPD0231 loop x The QPC65 Remote Peripheral Switch failed the memory connection test, x speech channels have been disabled. Fault may be the QPC65 Remote Peripheral Switch.

RPD0232 loop x Same as RPD230 except all tested channels failed.

RPD0240 loop c x Continuity test failed with carrier c, x speech channel have been disabled. Use LD 62 LDIS command for each carrier on the loop to determine which channels failed.

Action: Use the LOCL command to test carriers with disabled channels. If the LOCL tests pass, the fault may be at the remote QPC62 1.5 Mb/s Baud converter.

RPD0250 loop Carriers did not switch with SCAR command or in the midnight routines. This fault, by itself is not service affecting. Fault may be:

1. QPC63 Local Carrier Buffer local or remote
2. QPC99 Carrier Interface at local end
3. QPC66 2 Mb/s Baud Converter local or remote

4. QPC99 Carrier Interface remote end

5. QPC62 1.5 Mb/s Baud Converter remote end

RPD0260 loop — More than 24 messages have been received from the local carrier buffer since the midnight routines, or since the last time the loop was enabled.

This message may occur with excessive use of the LD 33 SCAR command or the LD 62 manual tests. Otherwise, there is an intermittent fault which affects one or both carriers. In this case, see RPD214 for fault causes.

RPD0261 loop c — High error rate on carrier c. See RPD211 and RPD214.

RPD0300 — Card did not respond to command/query (response timed out).

Action: Ensure that the card is plugged in correctly, and the faceplate switch is in the enable position. If the card is still not responding a download is necessary.

RPD0301 — Response to DSOP: Disabling this link would bring down service; command refused.

Action: Use LD 32 to disable FNET and FPEC and then try again.

RPD0302 — Response to ENOP: packlet does not exist. Can not enable this link.

Action: Insert packlet on both cards (FNET and FPEC) or stop the transmission test.

RPD0303 — Response to MNSN/MNSP: other link is faulty or disabled. Command refused.

Action: Enable the link using the ENOP command and then try again.

RPD0304 — Response to MNSN/MNSP: other link is under transmission test. Command refused.

Action: Stop transmission test using the ’FSTP’ command and try again.

RPD0305 — Response to FTST: only one test can be performed. Command refused.

Action: Use FSTA command for test status, or stop the test and try again. If the link is disabled then use the ’ENOP’ command and try again.

RPD0306 — Response to FSTA/FSTP: there is no running test; Command refused.

Action: Use the ‘FSTA’ command for starting a test and try again.

RPD0307 — Cannot send message to Fibre Network Card.

Action: Wait and retry the command layer. If this error occurs again check the FNET card and associated cabling (equivalent of NPR084).

RPD0308 Response to PRPM: message with wrong Performance Monitoring interval number received.

Action: Wait and retry the command later.

RPD0309 Remote IPE Package (286) is restricted.

2.0 Mb/s Remote Peripheral Equipment Alarm Handler Diagnostic (LD 53)

The RPE Alarm Handler monitors and reports alarm signals generated for the 2.0 Mb/s Remote Peripheral Equipment feature. To test RPE, use LD 53.

This Overlay is not provided on Option 11 systems, since Remote Peripheral Equipment (RPE) is not used on these systems.

The following alarm conditions and responses are reported by the resident RPE alarm handler:

RPE0xx—indicates occurrence of processor-detected faults

RPE1xx—indicates counter threshold violations on processor detected faults. Sparing will be attempted if the loop is not under maintenance control.

RPE2xx—indicates timer threshold violations on processor-detected faults. Sparing will be attempted if the loop is not under maintenance control.

RPE3xx—indicates problems associated with sparing. Sparing will be aborted.

RPE4xx—indicates problems encountered during initialization of RPE loops.

RPE messages

RPE0001 loop Frame alignment signal error rate exceeded at remote site of loop. Message is printed for each occurrence.

RPE0002 loop PCM error rate exceeded at remote end of RPE loop. Message is printed for each occurrence.

RPE0003 loop Customer-specified alarm 3 for RPE loop.

Action: Refer to customer records.

RPE0004 loop Customer-specified alarm 2 for RPE loop.

RPE0005 loop Remote controller failed on RPE loop.

Action: Test remote RPC.

RPE0006 loop Customer-specified alarm 1 for RPE loop.

RPE0007 loop Loss of carrier clock at the local site for RPE loop. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0008 loop Path switch missing faulty or disabled on RPE loop.

Action: Check path switch for shelf. Enable if disabled or replace if faulty.

RPE0010 loop Loss of frame alignment at the remote site of RPE loop. Message printed for each occurrence.

RPE0011 loop Loss of frame alignment at the local site of RPE loop. Message printed for each occurrence.

RPE0012 loop PCM error rate exceeded at local site of RPE loop. Message printed for each occurrence.

RPE0013 loop Frame alignment signal error rate exceeded at local site for RPE loop. Message printed for each occurrence.

RPE0014 loop Local controller outgoing messages buffer of loop overflowed. Message printed for each occurrence. Probable network fault.

Action: Test network.

RPE0015 loop Local controller incoming messages buffer of loop overflowed. Message printed for each occurrence.

Action: Perform loop-around test on loop.

RPE0016 loop Local controller of RPE loop initialized. Probable local RPC fault.

Action: Test RPC.

RPE0017 loop SSD failure on peripheral buffer of RPE loop. Check peripheral buffers.

RPE0023 loop Customer specified alarm 3 has been cleared.

RPE0024 loop Customer specified alarm 2 has been cleared.

RPE0025 loop Warning: Customer specified alarm has not been cleared.

RPE0026 loop Customer specified alarm 1 has been cleared.

RPE0101 loop Counter threshold of alarm condition RPE001 exceeded. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0102 loop Counter threshold of alarm condition RPE002 exceeded. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0105 loop Counter threshold of alarm condition RPE005 exceeded.

Action: Test and repair remote RPC.

RPE0110 loop Counter threshold of alarm condition RPE010 exceeded. Probable carrier or Carrier Interface (CI) pack fault.

Action: Use loop-around test to isolate.

RPE0111 loop Counter threshold of alarm condition RPE011 exceeded. Probable remote RPC or CI card failure.

RPE0112 loop Counter threshold of alarm condition RPE012 exceeded. Probable carrier fault.

Action: Use loop-around tests to isolate the fault.

RPE0113 loop Counter threshold of alarm condition RPE013 exceeded. Probable carrier fault.

Action: Use loop-around tests to isolate the fault.

RPE0116 loop Counter threshold of alarm condition RPE016 exceeded.

Action: Test and repair RPC card.

RPE0201 loop Alarm RPE001 has exceeded timer threshold. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0202 loop Alarm RPE002 has exceeded timer threshold. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0205 loop Alarm RPE005 has exceeded timer threshold.

Action: Test and repair remote RPC.

RPE0210 loop Alarm RPE010 has exceeded timer threshold. Probable CI or carrier fault.

Action: Use loop-around test to isolate.

RPE0211 loop Timer threshold of alarm condition RPE011 exceeded. Probable remote RPC or CI failure.

RPE0212 loop Timer threshold of alarm condition RPE012 exceeded. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0213 loop Timer threshold of alarm condition RPE013 exceeded. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0300 l1 l2 l3 Request to spare loop l1 with l2 has failed. l1 was switched to L3 loop instead. Path switch or spare loop faulty.

Action: Test and repair.

RPE0301 loop Loop cannot be spared because it is a spare loop. Spare loop may be disabled; check status.

RPE0302 loop Loop does not have a spare. Sparing aborted.

RPE0303 g Group g is out of range or data corruption.

RPE0304 loop s Loop l cannot be spared by s because spare is in use.

Action: Test and clear fault on loop already spared.

RPE0305 loop s Loop cannot be spared by s because spare is faulty.

Action: Test and clear fault on spare loop.

RPE0306 l1 l2 Loop l1 cannot be spared by l2 because path switch is disabled or unequipped.

Action: If path switch is equipped, enable and try again.

RPE0307 l1 l2 Loop l1 sparing by l2 aborted because of bad response from remote RPE in spare loop.

Action: Test RPC of spare loop.

RPE0308 l1 l2 Loop l1 sparing by l2 aborted because of bad response from remote RPC in spare loop.

Action: Test and repair RPC of spare loop.

RPE0309 l1 l2 Loop l1 sparing by l2 aborted because of bad response from spare loop.

Action: Test and repair spare loop.

RPE0310 loop Loop cannot be spared because spare loop is disabled.

Action: Test and enable spare loop.

RPE0311 l1 l2 Software problem. Loop l2 should not have loop L1 assigned.

Action: Contact your technical support group.

RPE0312 loop Loop cannot be spared because loop is disabled.

Action: Test and enable the loop.

RPE0313 A PSW response message has been received from a prime loop, while it was expecting from the spare loop. (Loop the message comes from and spare loop numbers to follow.)

RPE0400 loop A PE shelf cannot be enabled after an RPC initialize.

Action: Test local and remote RPC.

RPE0401 loop Bad response received from RPC card.

Action: Test RPC.

RPE0402 loop Bad response from RPC card.

Action: Test RPC.

RPE0403 loop Bad response from RPC card.

Action: Test RPC.

RPE0404 loop No protected RPE group data block has been defined for this loop. Loop has been disabled.

RPE0500 loop Loop has been spared.

1.5 Mb/s Remote Peripheral Equipment Local End Diagnostic (LD 62)

The 1.5 Mb/s Remote Peripheral Equipment Diagnostic, Local End program (LD 62) is loaded manually to test the local equipment associated with a particular carrier going to a remote site. Problems are reported in RPL messages.

RPL messages

RPL0000 Program 62 identifier.

RPL0001 Invalid input character.

RPL0002 Invalid command.

RPL0003 Incorrect number of parameters.

RPL0005 Invalid parameter value or option.

RPL0006 Loop is not an RPE loop. LRPE command of LD 33 will give equipped RPE loops.

RPL0007 Loop is disabled.

Action: Use ENLL command of LD 33.

RPL0009 DISI command already active.

Action: Use END to cancel DISI.

RPL0010 Command execution already in progress.

Action: Enter END to terminate, if desired.

RPL0011 DISC or DISI specified primary carrier. Command not executed.

Action: Use SCAR to make the other carrier primary.

RPL0012 loop c The current command has canceled the active DISI command on carrier c. This is not an error condition, message is for information only.

RPL0013 Carrier enabled when ENLC, LPBK or LOCL command given; or carrier was disabled when DISI or DISC given. Command not executed; use ENLC or DISC.

RPL0014 Current secondary carrier is disabled or DISI active on carrier. SCAR command not executed.

Action: Use ENLC to enable secondary carrier.

RPL0015 Cannot switch carriers because of faults on secondary carrier.

Action: If fault has been found and cleared or if it is essential to switch carriers, disabling then re-enabling the secondary carrier will clear the fault indications. A complete test using LD 33 should be made to avoid the use of faulty timeslots by call processing functions.

RPL0018 loop c DISI command completed for carrier c. This is not an error condition.

RPL0019 Cannot switch carriers: carrier status monitoring disabled. Use ENLM command of LD 33 to re-enable status monitoring.

RPL0022 STAT command given when no DISI command was active.

RPL0023 During execution of the LOCL test with the ALL option, the channel required for testing the signaling channel was busy.

Action: This is not a fault condition; retry test later.

RPL0203 loop n Test of connection memory of network for loop failed, n channels are disabled. Network card probably faulty. See also RPD203.

RPL0205 loop Continuity checker on loop is faulty. Network card probably faulty.

RPL0208 loop ts Network map in software indicates that timeslot ts is idle but connection memory word for that slot is not idle. Probable software fault, similar to BUG365. The timeslot will be marked busy.

RPL0211 loop c Outgoing carrier c has failed. If this message appears in response to the LOCL command, probable fault in:

1. 1.5 Mb/s Converter at local end
2. Other local RPE pack; Local Carrier Buffer, 2 Mb/s Converter or Carrier Interface.
3. Network card

RPL0214 loop c Incoming carrier c has failed. If this message appears in response to the LOCL command, probable fault in:

1. Carrier Interface at local end
2. Local Carrier Buffer
3.Network card

RPL0215 loop c Incoming carrier c has failed. If this message appears in response to the LOCL command, probable fault in:

1. Carrier Interface at local end
2. Local Carrier Buffer
3. Network card

RPL0220 loop LCB card does not respond. Probable fault on:

1. Local Carrier Buffer
2. Network card
3.Cable connecting the above packs

RPL0221 loop Scan and Signal Distributor (SSD) on LCB pack failed the signaling test. Same as for RPL220.

RPL0241 n During the LOCL test, n speech channels which are always carried by the carrier being tested, failed continuity test. Probable fault at local end on 2 Mb/s Converter, 1.5 Mb/s Converter or LCB.

RPL0242 n During the LOCL test with the ALL option, n speech channels which are carried by the carrier (only when it is the primary carrier) being tested, failed the continuity test. See RPL241.

RPL0243 Local loop-around test of signaling channel failed. See RPL241.

RPL0250 loop Carriers failed to switch. Faulty LCB, Carrier Interface or 2 Mb/s Converter at local end.

RPL0251 During the LOCL test with the ALL option, carrier not being tested could not be made primary. See RPL250.

2.0 Mb/s Remote Peripheral Equipment Diagnostic (LD 53)

The 2.0 Mb/s Remote Peripheral Equipment Diagnostic program (LD 53) is loaded as part of the daily routines, or manually to enter commands. Problems are reported in RPM messages.

RPM messages

RPM0000 Program 53 identifier.

RPM0001 Invalid input character.

Action: Check input.

RPM0002 Invalid command.

Action: Check input.

RPM0003 Incorrect number of parameters.

Action: Check input.

RPM0004 Invalid customer number for CMIN.

Action: : Check input.

RPM0005 Invalid parameter value or option.

Action: Check input.

RPM0006 Loop specified is not an RPE loop. LRPE will give equipped RPE loops.

RPM0007 Loop already enabled (ENLL) or loop already disabled (DISL/DISI).

RPM0008 Peripheral Signaling (PS) pack associated with given loop is disabled. ENLL command not executed.

Action: Use LD 32 to enable PS pack.

RPM0009 DISI command already active. Command may be canceled via END.

RPM0010 Command already in progress.

RPM0011 ENLS command, shelf already enabled.

RPM0012 loop Active DISI command. This is not an error condition.

RPM0013 ENLL, REML specified enabled loop. Disabled loop in DISI command.

RPM0017 Continuity test not done because channels were busy.

Action: This is not a fault condition; retry test later.

RPM0018 loop DISI command. This is not an error condition.

RPM0019 RPE group is not equipped.

RPM0020 Attempt to disable a loop to which an active maintenance set is connected. Command was not executed.

RPM0022 STAT command without DISI command active. DISI command is completed. See DISI command.

RPM0041 loop Command failed because of wrong response or invalid message. Message passed to alarm handler.

RPM0042 loop Cannot do remote loopback because local loopback already active.

RPM0044 loop Loop is not in loop-back mode. Use LBKL or LBKR to put it in loopback mode.

RPM0046 loop Network does not respond.

Action: Check network for enable/disable status.

RPM0047 loop Command aborted, loop is not disabled.

RPM0048 loop Command aborted, loop is in loop-back mode.

Action: Remove loop from loop-back mode (OLBL or OLBR).

RPM0049 g Group number out-of-range or invalid.

Action: Check data and try again.

RPM0050 g RPE group number not defined as an RPE group.

RPM0051 loop Continuity test: Data pattern received is not the same as sent during loopback.

RPM0052 loop Continuity test: Timeout when waiting for sent data pattern to come back during loopback.

RPM0054 loop Wrong message received when reading status register or incorrect path switch status.

RPM0055 loop Timeout when reading status register after sending unsparing message.

RPM0056 loop Group which loop belongs to is not spared.

RPM0057 loop UNSP command was not successful in its attempt to disable the spare loop in software to prevent new calls from taking place.

RPM0058 loop Cannot unspare group because loop is not enabled.

RPM0202 loop: s1 s2 Continuity test failed for shelves s1, s2, etc. If all shelves on the loop failed, treat as RPM240. At least one shelf is not in the list, probable fault in:

1. Peripheral Buffer in shelves listed
2. Shelf or shelves listed
3. Cable between PE shelves

RPM0203 loop: n Connection memory test failed; n channels are disabled. Network card probably faulty. If multiple network cards in the same exhibit show this fault, CE extender card connected to the group is probably faulty.

RPM0204 loop Loop failed to respond.

Action: Check that network is present and enabled by faceplate switch; if so, card may be faulty. If other loops on the same shelf also fail to respond, a fault in the CE extender connected to the group is possible.

RPM0205 loop Continuity checker is faulty. Network card probably faulty.

RPM0208 loop: ts Network map in software indicates that October timeslot ts is idle but the connection memory word for that slot on network card is not idle. The slot will be marked busy. Probably a software fault similar to BUG365.

RPM0240 loop: n Continuity test phase of loop test failed, n speech timeslots are disabled due to this fault.

Action: Use loop-around tests to isolate the fault.

RPM0241 n — During the LOCL test, n speech channels failed continuity test. Probable fault at local end.

Action: Test CI or Remote Peripheral Carrier (RPC).

RPM0242 n — During the REML test, n speech channels failed continuity test. Probable fault at local end CI/RPC or carrier.

Action: Test and repair.

RPM0250 loop — Local RPC processor failed.

RPM0251 loop — Remote RPC processor failed.

RPM0307 loop — Time-out or wrong message when reading control register during closing or opening of loopback.

RPM0308 loop — Loop down (LPDN) status does not verify. Probable fault in local RPC.

RPM0309 loop — Timeout when reading data pattern written to control or status register during loopback.

RPM0310 loop — Wrong data pattern returned when reading control or status register during loopback.

RPM0315 loop — Timeout when reading control register.

RPM0316 loop — Wrong or unexpected message received when reading control register.

RPM0317 loop — Timeout when reading shelf enable register.

RPM0318 loop — Wrong or unexpected message received when reading shelf enable register.

RPM0319 loop — Timeout when reading status register.

RPM0320 loop — Wrong or unexpected message received when reading status register.

RPM0321 loop — RPE2 package restricted.

RPM0322 loop — There are no RPE2 groups configured.

RPM0323 loop — Loop number out-of-range (RCNT).

RPM0324 loop — TRPL interrupted.

RPM0325 loop — Loop is not spared (UNSP).

RPM0326 loop — Spare loop cannot be unspared (USNP).

System Reporting

RPT messages

RPT0001	Begin suppression of {filename}.
RPT0002	End suppression of {filename}.
RPT0003	Unknown report (not in database). cat x, report y.
RPT0004	X reports missing in log just before x.

Service Change

The SCH messages indicate invalid responses, or service change problems caused by a system condition (for example, the time and date is not set). SCH messages are also output when corrupt or invalid data is detected.

SCH messages

SCH0001 TNTRANS failed on remove from core. Corrupted data in memory.

Action: System should be reloaded. If the fault persists, contact your technical support group.

Caution: Call processing will be interrupted during reload.

SCH0002 TNTRANS failed on recover workspace.

Action: System should be reloaded. If the fault persists, contact your technical support group.

SCH0003 TNTRANS passes on recover out workspace.

Caution: Call processing will be interrupted during reload.

SCH0004 TNTRANS passes on work to core.

SCH0005 RDB translator passes and fails. Corrupted data in memory.

Action: System should be reloaded. If the fault persists, contact your technical support group.

SCH0006 The maximum number of MWI NSI tables (32) has been reached.

Action: Contact your technical support group if 32 tables are insufficient.

SCH0007 Character out of range B, E< K< N< Q< T< W< b, e, h, k, n, q, t, w, or z. SUFF is re-prompted.

Action: Enter a character inside the valid range or {CR} if CHG command.

SCH0008 Not an alphanumeric character.

Action: Enter character(s) inside the valid range or {CR} if the command is CHG or it the prompt is PRMT.

SCH0009 Too many characters for the NSI parameters already entered. MFID is re-prompted.

Action: Enter a maximum of 126 characters for the total of the MWI NSI parameters.

SCH0010 0DNXLBLOCK has a pointer flag but no pointer. Corrupted data in memory.

Action: System should be reloaded. If the fault persists, contact your technical support group.

SCH0011 TN in DNBLOCK fails TNTRANS.

SCH0012 TN in DNBLOCK produces illegal TN type. Corrupted data in memory.

Action: System should be reloaded. If the fault persists, contact your technical support group.

SCH0013 Terminal cannot be moved to a card with different XTRK field (XUS versus non-XUS).

SCH0014 Invalid trunk type for XUS.

SCH0015 XUS trunk unit must belong to an XUS route only, and vice-versa.

SCH0016 In XUS RAN, only LVL and AUD route types are allowed.

SCH0017 If HLPA/HRLA then must IHA. (Individual hold allowed, OPT IHA in CDB, Overlay 15).

Action: Configure the IHA in the CDB by using Overlay 15.

SCH0018 Facility number out of range.

Action: Input a facility number from 1 to 99999

SCH0019 Facility number is already defined for that service.

Action: Check the subscription parameters with the local CO and input the correct subscribed facility number.

SCH0020 Illegal attempt to modify existing data.

SCH0023 No CLIP list is allowed for this customer (CLIP-MAX=0).

SCH0028 Attempt to configure RCAP with a QSIG Diversion remote capability when one is already configured.

Action: Remove the already configured RCAP before entering a new one.

SCH0029 BCOT initialized due to one of the following conditions:

TKTP = ISA, DGTP ^= PRI, MODE ^= PRA, IFC ^= D100 or D250 or ESS4 or ESS5 or NI2

SCH0030 Digit input instead of alpha input is required.

Action: Re-enter only numerals.

SCH0031 Autoline key should have a DN associated with it.

SCH0032 IADN cannot be Attendant Overflow DN.

SCH0033 IADN cannot be a System Night DN.

SCH0034 The RCAP PRI (or PRO) is only allowed for QSIG interface type.

SCH0035 Attempt to configure RCAP to PRI when PRO is already configured.

Action: Remove the RCAP PRO first.

SCH0036 Attempt to configure RCAP to PRO when PRI is already configured.

Action: Remove the RCAP PRI first.

SCH0037 Autoline key should have a DN associated with it.

SCH0038 IADN cannot be Attendant Overflow DN.

SCH0039 IADN cannot be System Night DN.

SCH0040 ROA/MOH does not exist for specified customer.

SCH0041 Invalid range. Not enough digits.

SCH0048 Not enough memory to allocate a DPNSS1 MWI or MWNS table.

Action: Contact your technical support group.

SCH0049 Priority buzz cadence is out of range (2-16 seconds).

SCH0050 ROA/MOH data block already exists.

SCH0051 Attempt made to change a non broadcasting RAN route to broadcasting with an insufficient number of available ISM RAN connections.

Action: Contact your technical support group and request an increase to the ISM limit.

SCH0052 Attempt was made to change a RAN route to broadcasting or non broadcasting with active calls.

Action: Customer must take an action to not have any more active calls to any of the trunk members. Trunks may be disabled or the RAN route may be replaced by another one during the change. This last option will not disconnect any call.

SCH0053 Attempt made to change the maximum number of connections to a broadcasting trunk of a RAN route in overlay 16, but such a change would exceed broadcast RAN connection ISM limit.

Action: Request your technical support group to increase theISM limit.

SCH0054 Attempt was made to define a RAN route as a broadcast route with an insufficient number of available ISM broadcasting RAN routes.

Action: Request your technical support group to increase theISM limit.

SCH0055 Invalid console type for Individual Attendant DN.

SCH0057 Reduce the MAX value of NI-2 CBC service routes before removing B-channels/ trunks.

Action: Check the MAX value of service routes

SCH0059 Responses NUM4/NUM6 are not allowed if the MMCS and Master Mode Packages are not equipped. CNTY is re-prompted.

Action: Equip Packages 309 and 317 and re-load.

SCH0060 Insufficient data entered.

SCH0061 The executed operation requires the QSIG-SS package which is restricted. The executed operation is ignored.

SCH0062 The change of a Music broadcast route to a non broadcasting route, is not allowed.

SCH0063 Change of a Music route to a broadcasting route with active calls, is not allowed.

Action: Replace the route with another music route. Wait for active calls to be released before doing the change.

SCH0064 The TITH value is out of range (0-300).

Action: Enter a value that is in range.

SCH0065 The NCTH value is out of range (0-100).

Action: Enter a value that is in range.

SCH0066 The CONN value is out of range (4-48).

Action: Enter a value that is in range.

SCH0067 The LGTH value is out of range (4-7200).

Action: Enter a value that is in range.

SCH0068 Two sequences starting with the same digits cannot have wildcards : "#". A digit before the wildcard must differentiate between the two to enable them to coexist in the list.

SCH0069 No sequences exist in this list.

Action: Use NEW.

SCH0097 The MWI NSI tables for this customer have reached the maximum size allowable.

Action: Contact your technical support group if 512 words are not enough for the MWI NSI tables of a customer.

SCH0098 Request to add CMOD unit is rejected. System already has 255 CMOD units configured.

SCH0099 This message appears when the invalid input is detected by the machine. The actual output may vary, according to the input received.

Action: Refer to the following examples for possible output.

SCH0099 n?: Input number n out-of-range (0-9999999) for LEC.

SCH0099 n?: 0-7 Input number n out-of-range (0-7) for RDNL

SCH0099 n?: 0-9 Input number n out-of-range (0-9)

Action: Choose a number 0 - 9.

SCH0099 XXX XXX is an invalid response. System does not recognize XXX.

Action: Try again.

SCH0099 XXX : AAA XXX is an invalid response. System does not recognize XXX. Where: AAA = the system suggestion of a possible match

SCH0099 XXX : BBB CC Abbreviated response XXX has more than 1 matches. Where:

XXX = a non-unique abbreviated response

AAA, BBB, and CCCC = responses that match XXX

Up to 3 matches are listed and "..." indicates more than 3 matches found.

SCH0099 XXX? {MIN} - {MAX} {TYPE} Response XXX is out-of-range. Valid range is specified by {MIN} - {MAX}, where response type is specified by the following:

{TYPE} = Characters for character string input

{TYPE} = DigitsS for digit string input

No {TYPE} specifies numeric input

SCH0100 Wrong number of input fields for prompt REQ.

SCH0101 Unable to match input fields with stored mnemonics.

SCH0102 Repeat count out-of-range (2-255).

SCH0103 ROA or MOA package not provided.

SCH0104 AWU package not provided.

SCH0105 Wrong number of parameters.

Action: Re-enter input.

SCH0106 Wrong parameter type.

SCH0107 There are no available busy lamp fields.

SCH0108 Lamp field array is not included in OPT.

SCH0109 TN is already assigned as an LFTN.

SCH0110 Wrong number of input fields.

Action: Prompt MTAR is reprompted. Either press carriage return for default entry of 'NO', or enter one the of the responses 'YES' or 'NO'.

SCH0111 Invalid input.

Action: Prompt MTAR is reprompted. Either press carriage return for default entry of 'NO', or enter one of the responses 'YES' or 'NO'.

SCH0112 Invalid customer number.

SCH0113 The CISMFS package is not equipped.

Action: Equip the CIS MFS package or choose another answer.

SCH0114 An attempt to define the CFMS class of service in LD 14 for a digital trunk on CDT/CSDT12 loop without CISFW=MFS. Define in LD 73.

SCH0115 An attempt to define the CMFS class of service in LD14 when MFS is not defined the Route Data Block.

SCH0116 An attempt was made to remove the CMFS or MFS definitions from the Route Data Block, when there are some trunks defined within the route.

SCH0117 Band value for banded OTWATS is out-of-range.

Action: Input Band value between 0-99.

SCH0118 Band value for banded OUTWATS is already defined.

Action: Check with the local CO for the correct Band value.

SCH0119 NI-2 CBC package is not equipped.

Action: Install NI-2 CBC package.

SCH0120 Wrong number of input fields for prompt TN.

SCH0121 Loop not specified in configuration as terminal loop.

SCH0122 Loop out-of-range (0-159).

SCH0123 Shelf out-of-range (0-3 single density, 0-1 double density, 0 quadruple density).

SCH0124 Card out-of-range (1-10).

SCH0125 Unit out-of-range 0-3 (SD), 0-7 (DD) or 0-15 (QD), 0-31 (OD).

SCH0126 Station type conflicts with existing card.

SCH0127 Terminal already exists.

SCH0128 Terminal does not exist.

SCH0129 Trunk type given is not the same as that in the TN block.

SCH0130 Terminal has conflicting station type.

SCH0131 Terminal is not primary TN.

SCH0132 ADM must terminate on unit 1 or 3.

SCH0133 Too many digits entered for NFCR condition.

SCH0134 Value entered for CRCS is out-of-range.

SCH0135 System not equipped with NFCR.

SCH0136 More general condition exists for NFCR.

SCH0137 NFCR linkage not built for customer.

SCH0138 NFCR tree does not exist.

SCH0139 Cannot add ADM or MDM to existing card unless ADM or MDM already exists on the card.

SCH0140 Frequency between 350 and 665 Hz, in 5 Hz increments.

SCH0141 Station type conflicts with existing card.

SCH0142 Terminal already exists.

SCH0143 Terminal does not exist or has conflicting station type.

SCH0144 Disabling FNP functionality.

Action: FNP data setup must be removed.

SCH0145 Too many parameters for FRL prompts.

SCH0146 A larger MAXT value already exists. Once defined a lower value cannot be entered for MAXT.

SCH0147 MAXT value out-of-range (maximum 255).

SCH0148 A value for MAXT is expected.

SCH0149 NFCR blocks not cleared. Cannot out CDB.

SCH0150 Wrong number of input fields for prompt CUST.

SCH0151 Customer number out-of-range. In Release 15, the customer number is 0-99 for NT, RT, STE, XN and XT machines and system Options 21E, 51, 61, 71 and 81. It remains 0-31 for all other supported machines and system options.

SCH0152 Customer data block does not exist.

SCH0153 Customer data block already exists.

SCH0154 No group list exists for customer N.

SCH0155 Background terminal must be removed before removing customer.

SCH0156 An MWI NSI table already exists for this manufacturer.

Action: Do not use the command NEW for an MWI NSI table which already exists

SCH0157 Frequency delta between 10 and 315 Hz, in 5 Hz increments.

SCH0158 Frequency level maximum between 0 db and -15 db, in 5 db increments.

Action: Enter absolute value: 0, 5, 10 or 15.

SCH0159 Frequency level minimum between -20 db and -35 db, in 5 db increments.

Action: Enter absolute value: 20, 25, 30 or 35.

SCH0160 Wrong number of input fields for prompt ROUT.

SCH0161 Route number out-of-range (0-127).

SCH0162 Route data block already exists.

SCH0163 Route data block does not exist.

SCH0164 Cannot remove route data block while trunks still attached.

SCH0165 Code restriction block already exists.

SCH0166 Code restriction block does not exist.

SCH0167 Route type is not AIOD.

SCH0168 FNP data exists. FNP cannot be made NO.

Action: FNP data setup must be removed. Set VNR to NO in CDB, set all the FLEN to 0, clear FSNS data. MXRL and MXDM range is 1-256. AC1 and AC2 to be of 2 digit length. MXFS must be 0.

SCH0169 Illegal digit in DN.

SCH0170 Wrong number of input fields for prompt STEP.

SCH0171 Step route number out-of-range (0-31).

SCH0172 Invalid step route number/or route number not defined. For dataport can only step to similar data route.

SCH0173 IFC type has to be NI-2 in order to configure NI-2 CBC master route.

Action: Input NI-2.

SCH0174 NI-2 CBC Master Route is not defined.

Action: Configure a NI-2 CBC Master Route.

SCH0175 Route is not NI-2 CBC Master Route.

Action: Use NI-2 CBC Master Route number.

SCH0176 Need to specify NI-2 CBC Master Route number.

Action: Input NI-2 CBC Master Route number.

SCH0177 NI-2 CBC Master Route has no trunks (channels).

Action: Assign trunks (channels) to NI-2 CBC Master Route.

SCH0178 The MAX value exceeds the number of trunks configured for the NI-2 CBC Master Route.

Action: Check the maximum number of trunks (channels) configured on NI-2 CBC Master Route.

SCH0179 In the DGCR list ATDN must be an ACD-DN or a DISA-DN.

SCH0180 Wrong number of input fields for prompt EXTN.

.SCH0181 Directory number already exists.

SCH0182 Directory number conflicts with existing number.

SCH0183 Shorter directory number already exists.

SCH0184 Loop number conflicts with existing DN loop.

SCH0185 Longer directory number already exists.

SCH0186 Station type conflicts with existing DNTYPE.

SCH0187 DN call arrangement conflicts with existing call arrangement.

SCH0188 DNSZ and SSL are mutually exclusive for CIS MFS. (OVL 16)

SCH0189 Either DNSZ or SSL is needed for CIS MFS. (OVL 16)

SCH0190 Wrong number of input fields for prompt ACOD.

SCH0191 Directory number already exists.

SCH0192	Directory number conflicts with existing number.
SCH0193	Number of DNs defined exceeds MNAC.
SCH0194	Attempt to exceed MNAC.
SCH0195	DID routes not allowed for customer in SATT mode.
SCH0196	A key 0 DN key is required on a mobility set. **Action:** Configure key 0 as a DN key.
SCH0197	Attendant's primary and secondary TN must be on same card.
SCH0198	DNSZ and SSL are mutually exclusive for CIS MFS. **Action:** Set DNSZ = 0 or remove the SSL Table.
SCH0199	Either DNSZ or SSL is needed for CIS MFS. **Action:** Enable the CIST package and reload the system.
SCH0200	Wrong number of input fields for prompt KLS.
SCH0201	Number of key/lamp strips out-of-range (1-7).
SCH0202	5 digit dialing.
SCH0203	Input format is incorrect.
SCH0204	Entry is not defined.
SCH0205	Input out-of-range.
SCH0206	Too many table entries.
SCH0207	OPTM requires a YES response.
SCH0208	Cannot optimize because entry is used.
SCH0209	DN out-of-range (LDID/11).
SCH0210	Wrong number of input fields for prompt LHK.
SCH0211	Prime directory number out-of-range (0-9 per key/lamp strip).
SCH0212	Input is too long. Input is rejected. **Action:** Enter a shorter string for the prompt

SCH0213 Invalid set type for OSN key. Input is rejected.

Action: Define the OSN key on an ARIES 2616 set that is equipped with display.

SCH0214 Invalid route type. Input is rejected.

Action: Enter a valid route number.

SCH0215 RAN route, RAN trunk, or RAN customer does not exist.

SCH0217 CLS ONDA/ONDD applies only to sets of type MPORTBL.

SCH0218 No device number available for History File, 16 devices used.

SCH0219 Temporary History File buffer is full. No new messages will be added.

SCH0220 Wrong number of input fields for prompt RTMB.

SCH0221 Route number out-of-range (0-31).

SCH0222 Route data block does not exist.

SCH0223 Member number out-of-range (1-126).

SCH0224 Member number already in use.

SCH0225 Route type/station type conflict.

SCH0226 Illegal member number.

SCH0227 Repeat count out-of-range (2-126).

SCH0228 DN size is out-of-range (0-7).

SCH0230 Wrong number of input fields for prompt PRDN.

SCH0231 Directory number does not exist.

SCH0232 Directory number conflicts with existing number.

SCH0233 Directory number conflicts with attendant.

SCH0234 Number conflicts with shorter DN already in translator.

SCH0235 Number conflicts with longer DN already in translator.

SCH0236 Number already assigned to another private member.

SCH0237	Number already exists as other than private DN.
SCH0238	Directory has conflicting type.
SCH0240	Wrong number of input fields for prompt.
SCH0241	Directory number already exists.
SCH0242	Directory number conflicts with existing number.
SCH0243	SETN or SL-1 telephone TN associated with lamp field array must be entered.
SCH0244	TN entered is invalid.
SCH0245	Both thresholds must be given.
SCH0246	Lower threshold must not exceed upper threshold.
SCH0247	Number of calls out-of-range (0-255).
SCH0248	Waiting time out-of-range (0-511).
SCH0249	Only Y or N allowed for CWBZ.
SCH0250	Wrong number of input fields for prompt HUNT.
SCH0251	Hunt number conflicts with existing number.
SCH0252	Invalid DN type for HUNT.
SCH0253	Digit display Class of Service is required for CLS CDCA and/or the CSD key. NDD is mutually exclusive.
SCH0254	Hunt number defined for hunting not allowed CLS.
SCH0255	Illegal Hunt DN.
SCH0256	Input is out of range. Input is rejected. **Action:** Enter a valid number for the prompt.
SCH0257	Input requires the ESA package. Input is rejected. **Action:** Contact your technical support group if the system packaging is incorrect.
SCH0258	OSN key must be on a key-lamp pair key. Input is rejected. **Action:** Define the OSN key on a key-lamp pair key.

SCH0259 Undefined route. Input is rejected.

Action: Define the route first.

SCH0260 Wrong number of input fields for prompt NITE, ATDN.

SCH0261 NITE, ATDN, MNDN number conflicts with existing number.

SCH0262 NITE, ATDN, MNDN number conflicts with shorter DN.

SCH0263 Either the NITE, ATDN, MNDN number conflicts with a longer DN, or the DN is not defined.

SCH0264 ATDN: null input not permitted.

SCH0265 DN is not defined.

SCH0266 RLDN: number conflicts with existing number.

SCH0267 DN entered does not exist.

SCH0268 Two or more non-zero digits are prompted.

SCH0270 Wrong number of input fields for prompt TYPE.

SCH0271 Unable to match input field with stored mnemonics.

SCH0272 Number of inputs CFLP.

SCH0273 Not a conference loop.

SCH0274 Null input not allowed.

SCH0275 Loop number out-of-range 0-159.

SCH0276 Attempt to assign 2 trunks to one conference.

SCH0277 Conference loop not defined in LD 15 or LD 17.

SCH0278 The DN entered is not a valid OSDN. Input is rejected.

Action: Enter a valid OSDN.

SCH0279 Input requires the ESA_SUPP package. Input is rejected.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0280 Wrong number of input fields for prompt ICOG.

SCH0281 Unable to match input field with stored mnemonics.

SCH0282 I/O device cannot be an OSN user due to user conflict. Input is rejected.

Action: Remove all the conflicting users before configuring the I/O device as an OSN user.

SCH0283 Input requires the ESA_CLMP package. Input is rejected.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0284 ESA database must be removed before the customer database can be removed.

Action: Remove the customer's ESA database before removing the customer database.

SCH0285 VCC DN should be single appearance on SL-1 telephone.

SCH0290 Wrong number of input fields for prompt TGAR.

SCH0291 Trunk group access restriction out-of-range (0-15).

SCH0298 JAPAN TTC package not equipped.

SCH0299 LD 16 - Invalid Privacy Override Indicator entered for DTPO or DPPO prompt.

SCH0300 Wrong number of input fields for prompt RNPG.

SCH0301 Ringing number pickup group number out-of-range (0-255).

SCH0302 Input requires CNUMB package.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0303 Input requires CNAME package.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0304 Input requires either the CNUMB or the CNAME package.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0305 Invalid input for a DIG set.

Action: Enter a valid input.

SCH0307 Wrong number of input fields for prompt.

SCH0308 RPE must be removed from data block before OUT or CHG to terminal loop.

SCH0310 Wrong number of input fields for prompt SIGL.

SCH0311 Unable to match input field with stored mnemonics.
Action: Refer to administration guide for correct response.

SCH0312 Unacceptable signaling for trunk type.

SCH0313 Wrong number of input fields for prompt ANTK.

SCH0314 Invalid number.

SCH0315 CED (LD 35) cannot be deleted from midnight routines for SL-1 MS.

SCH0320 Wrong number of input fields for prompt STAR.

SCH0321 Only applies to RLR trunks.

SCH0324 MSDL block for the DTI loop cannot be allocated. System memory could be low.
Action: Out the DTI loop, free some additional data blocks and try again.

SCH0330 Wrong number of input fields for prompt SUPN.

SCH0334 Incompatible units have been provisioned on the same linecard.
Action: Enter the service change data again.

SCH0335 Wrong number of input fields for prompt CMF.

SCH0336 A Service route is needed for routing incoming public network calls.
Action: Input a service route number.

SCH0337 Has to be a NI-2 CBC service route with TYPE=COT/DID and SRVC=0.

SCH0338 LND is not defined for this customer.

SCH0339 SNA cannot be specified without LNA.

SCH0340 Class of Service is not allowed for this TRK type.
Action: TIE trunks must be IMM start.

SCH0341 Unable to match input field with stored mnemonics.

SCH0342 A group number is not defined for PUA.

SCH0343 VNL cls is acceptable with EAM signaling types only.

Action: Set CLS to TRC or NTC.

SCH0344 FNA is not allowed unless hunting is defined.

SCH0345 Incorrect attempt to define CLS = DPIF. Such CLS may only be defined for digital trunks on CDTI2/CSDTI2 cards

SCH0346 DTN not valid for this trunk type.

SCH0347 MFR valid only for CAMA, FGD and M911 trunks.

SCH0348 CAMA (DIP) not valid with route signaling specified.

SCH0349 HTA is not allowed unless Hunting is defined.

Action: HNT DN and EHT DN must be defined for HTA/CFTA.

SCH0350 Wrong number of input fields for prompt ANUM.

SCH0351 Attendant number out-of-range (1-15).

SCH0352 Attendant number already in use.

SCH0353 Attendant DN must be defined.

SCH0355 Unable to match input field with stored mnemonics.

SCH0356 CFW or ADL DN size out-of-range.

Action: Enter DN length of 4 -31 digits.

SCH0357 Incorrect number of digits entered.

Action: Re-enter correct number of digits.

SCH0358 Input is not PAG trunk group access code.

SCH0359 ADL/CFW number exceeds specified length.

Action: Enter ADL/CFW DN within configured ADL/CFW DN length size.

SCH0360 Wrong number of input fields for prompt KEY.

SCH0361 Key number out-of-range 0-9 per key/lamp strip, 0-10 for M2012 and M3000, 0-8 for M2009, 0-17 for M2018, 0-5 for M2006.

SCH0362	Unable to match input field with stored mnemonics.
SCH0363	Key function requires lamp key.
SCH0364	Key function requires 5 state lamp: 0 for busy verify.
SCH0365	Speed Call List number out-of-range (0-253).
SCH0366	Speed Call List does not exist, or Hot Line list is not defined for TYPE = HTL.
SCH0367	Member number out-of-range (0-127).
SCH0368	No RNPU group defined for RNP key.
SCH0369	Function conflicts with existing call arrangement.
SCH0370	Directory number conflicts with DIAL 0.
SCH0371	Shorter directory number already exists.
SCH0372	Function not allowed on MIXED directory number.
SCH0373	Loop number does not match DN loop. Multiple loop DN restricted in LD 17. Creation or expansion restricted.
SCH0374	Longer directory number already exists.
SCH0375	DN type conflicts with input DN type.
SCH0376	Function not allowed on private CO line.
SCH0377	VCC or SIG not allowed on multiple appearance DN.
SCH0378	DN already has maximum number (16) of stations attached.
SCH0379	Group number out-of-range (0-99).
SCH0380	AWU requires digit display.
SCH0381	Absorption digit or TDG entry out-of-range (0-9).
SCH0382	Key 0 or key 1 may not be used for AWU.
SCH0383	Number out-of-range (0-3).
SCH0384	Incorrect number of digits (0-999).

SCH0385 Wrong number of input fields.

SCH0386 Number is out-of-range (0-2).

SCH0387 Unable to match input with stored mnemonics.
Action: Choose either YES or NO.

SCH0389 Incorrect number of input fields.
Action: Re-enter input.

SCH0390 Invalid input for new CRB.

SCH0391 Code restriction number out-of-range (200-999).

SCH0392 Timer not required in this route.

SCH0393 Unable to match input with stored mnemonics.
Action: Choose either NO, B1, B2 or B3.

SCH0394 Incorrect number of input fields.

SCH0395 Input overflow. Number greater than 65536. For PNI, input is greater than 32700.

SCH0396 Input entered is out-of-range (Overlay 16).
Action: Re-enter input.

SCH0397 Input out-of-range (0-512) (dial delay option).

SCH0398 Unable to match input with stored mnemonics.

SCH0400 Wrong number of input fields for prompt SPRE.

SCH0401 Directory number already exists.

SCH0402 Directory number conflicts with existing number.

SCH0403 Wrong number of parameters.

SCH0404 Wrong number of parameters.

SCH0405 Wrong parameter type.

SCH0406 Ran route (or trunk) does not exist.

SCH0407 Wrong number of parameters.

SCH0408 Wrong number of parameters.

SCH0409 Parameter out-of-range (0-30).

SCH0410 Not equipped for RAN.

SCH0411 Unable to match input field with stored mnemonics.

SCH0412 Unable to match input with stored mnemonics.

SCH0413 Wrong number of input fields.

SCH0414 Input out-of-range (0-99).

SCH0416 Wrong number of input fields.

SCH0417 Illegal input number.

SCH0418 Illegal input number.

SCH0419 Wrong number of parameters.

SCH0420 Incorrect number of input fields.

SCH0421 Timer out-of-range.

SCH0422 Wrong number of parameters.
Action: Input expects one parameter.

SCH0423 Unable to match input field with stored mnemonics.

SCH0424 Wrong number of parameters, or an entry is required.

SCH0425 Unable to match input field with stored mnemonics.

SCH0426 Wrong number of parameters.

SCH0427 Parameters out-of-range (0-7) or (0-15).

SCH0428 This port is not a CDR device.
Action: LD 17 should be used to define the proper device.

SCH0429 Illegal number of digits.

SCH0430 Invalid directory number entered for ACD NCFW or IFDN.
Action: Try another DN.

SCH0431	ICI appearance out-of-range (0-9 or 0-19).
SCH0432	Invalid ICI keyword.
SCH0433	CAT is out-of-range (0-99).
SCH0434	ID is out-of-range (0-9).
SCH0435	Not equipped for ANI.
SCH0436	Wrong number of parameters.
SCH0437	Unable to identify parameter to given prompt.
SCH0438	M3C allowed only if signaling is NT5.
SCH0439	ICOG not valid for this trunk type.
SCH0440	Wrong number of input fields for prompt LSNO.
SCH0441	List number out-of-range, or the number of speed call lists is out-of-range. Prior to Release 17 the range is 0-253. With Release 17 and later, the range is 0-8191.
SCH0442	List number already exists.
SCH0443	List does not exist.
SCH0444	Route number for ICI does not exist, or route contains no members.
SCH0445	The group member number is out-of-range. **Action:** Enter 0-5 for Option 11. Enter 0-19 for all other machines.
SCH0446	DN size is out-of-range (4-31).
SCH0447	Wrong number of input fields for prompt DNSZ.
SCH0448	New DN size is smaller than current size.
SCH0449	List cannot be service changed while active, try later.
SCH0450	Wrong number of input fields for prompt SIZE.
SCH0451	Speed call list size illegal (1-1000).
SCH0452	List size is too long for given DN size.
SCH0453	New list size is smaller than current size.

SCH0454 Customer list for group n does not exist.

SCH0455 Group is not defined.

SCH0456 Group already exists.

SCH0457 Wrong number of input fields for GRNO.

SCH0458 Group number out-of-range (0-63).

SCH0459 Group member does not exist.

SCH0460 Wrong number of fields in input.

SCH0461 Key number out-of-range (0-size).

SCH0462 Too many digits in input field (max 15).

SCH0463 Attempted to enter a RAN route that was not previously defined as AWR in the AUX_CUST_DATA_BLOCK.

SCH0464 RAN or Conference loop cannot be removed or changed while Wake Up calls are in progress.

SCH0465 Wrong number in input field for AWU.

SCH0466 Unable to match input with stored mnemonics (YES/NO, {CR}, X).

SCH0467 RANF and RAN1 must be defined for all cases.

Action: RAN2 must be defined if R2BN is different from R2ED.

SCH0468 Attempted to remove a nonexistent AUX_CUST_BLK.

SCH0469 Second RAN hr/min value out-of-range.

SCH0470 Wrong number of fields for 2nd RAN (begin or end).

SCH0471 Station type conflicts with existing card.

SCH0472 Terminal already exists.

SCH0473 SL-1 telephones cannot be moved between loops.

SCH0474 Sets cannot be moved between loops.

SCH0475 Trunk units cannot be moved between loops.

SCH0476	Cannot move a unit from one loop to another.
SCH0477	Both values must be given.
SCH0478	Lower value must not exceed upper value.
SCH0479	Flash timer must be less than PBX_DISC_TO.
SCH0480	Timer value out-of-range (45-768).
SCH0481	Route number out-of-range (0-31).
SCH0482	Route data block already exists.
SCH0483	Code restriction block does not exist.
SCH0484	Code restriction block already exists.
SCH0485	No ROA is provided on this RICI key.
SCH0486	Wrong number of input fields for prompt PHDT.
SCH0487	Input field is out-of-range.
SCH0488	ROA package not equipped.
SCH0489	Second RAN time out-of-range (0-2044).
SCH0490	Wrong number of input fields for prompt TOCU.
SCH0492	Customer data block already exists.
SCH0493	Customer number out-of-range.
SCH0494	NFCR tree already exists.
SCH0495	Null not allowed for NFCR tree number except for PRT.
SCH0496	NFCR tree number is outside range (above MAXT).
SCH0497	NFCR cannot be active for RLS.
SCH0498	Entered digit too large for NFCR count field.
SCH0499	Another parameter expected for FRL/CRCS prompt.
SCH0500	Wrong number of input fields for prompt TOLS.

SCH0501 Speed Call list number out-of-range (0-254).

SCH0502 Speed Call list already exists.

SCH0503 Wrong number of input fields for TOGR.

SCH0504 Group Call list number out-of-range.

SCH0505 This group may already be defined as a SL-1 GRC key.

Action: Check SL-1 sets for this customer.

SCH0506 Maximum of 24 characters allowed for the EBLN name.

SCH0507 Invalid character entered. Only ASCII characters with hexadecimal values between H.20 and H.7E (inclusive) are supported in the string input. (For example, alphanumeric or punctuation characters.)

SCH0508 Invalid character entered. Only ASCII characters with hexadecimal values between H.20 and H.7F (inclusive) or between H.A0 and H.FF (inclusive) are supported.

SCH0509 Input format is incorrect. Only ASCII characters with hexadecimal values between H.20 and H.7F (inclusive) or between H.A0 and H.FF (inclusive) are supported.

Action: Enter 1 character or its hexadecimal value.

SCH0510 Wrong number of input fields (Overlay 15).

SCH0511 Increment out-of-range.

Action: Up to Release 15, enter 0-15 or 0-7 for SST. For Release 16 and later, enter 0-31, or 0-7 for SST.

SCH0512 Decrement out-of-range.

Action: Up to Release 15, enter 0-15. For Release 16 and later, enter 0-31.

SCH0513 Minimum waiting time out-of-range (0-127).

SCH0514 The loop does not exist in LD 73.

SCH0515 Wrong number of parameters.

SCH0516 Wrong type of parameters.

SCH0517 Parameters out-of-range (1-15).

SCH0518 Not equipped for RAN.

SCH0519 Response for RTYP must be AUD.

SCH0521 Unable to match input field with stored mnemonics.

Action: The RCAP prompt in overlay 16 has been answered NDS when QSUr QSIG GF are not accessible or with an inappropriate interface configured (e.g. SL 1). Reconfigure accordingly.

SCH0522 Input for DNRO/DNRI out-of-range (0-4).

Action: Re-enter in the range (0-4).

SCH0523 Wrong number of input fields or digits for PWD number.

SCH0524 Warning: The active password will be changed.

SCH0525 Illegally entered password.

Action: Make sure you enter uppercase letters. When using lower case letters, use at least 4 numbers in the password.

SCH0526 Password does not match stored password.

SCH0527 Program number does not exist.

SCH0528 Attempt to remove an unlisted program or add a listed program.

SCH0529 Attempt to remove an unlisted customer or add a listed customer.

SCH0530 Password does not have access to this customer data.

SCH0531 Unable to match input with stored mnemonics.

Action: The RCAP prompt in overlay 16 has been answered NDS when QSUr QSIG GF are not accessible or with an inappropriate interface configured (e.g.SL1). Reconfigure accordingly.

SCH0535 Attempted to remove non-existing loop or add existing loop.

SCH0536 Loop must be disabled before removing, or assigning it as an Conference or DTI/ PRI loop.

SCH0537 Memory modules 0 to 1 are required.

SCH0538 Illegal memory configuration due to split option.

SCH0539 Module number already defined as spare.

SCH0540 Spare already defined for this CPU.

SCH0541	Attempt to add memory already in system.
SCH0542	Attempt to remove memory not in system.
SCH0543	Illegal module number for spare.
SCH0544	Module does not exist on this CPU bus.
SCH0545	Unable to match input with stored mnemonics.
SCH0546	Improper response for prompt MTYP.
SCH0547	Unable to match input with stored mnemonics.
SCH0548	Messages already suppressed.
SCH0549	Messages already allowed.
SCH0550	Input out-of-range (50-100).
SCH0551	Program number out-of-range (30-45).
SCH0552	Attempt to remove multi-group extender.
SCH0553	System ID number 0-999 out-of-range.
SCH0555	Time and date package must be equipped.
SCH0556	MMCS and IVR packages must be equipped.
SCH0557	VPA class of service allowed on for 2616 set.
SCH0560	Wrong number of input fields.
SCH0561	Unable to match input with stored mnemonics.
SCH0562	Duplicate defined loop.
SCH0563	Loop must be disabled before removing.
SCH0564	Attempt to remove a loop with data still on it.
SCH0565	Group number is out-of-range: 0-4, 15.
SCH0566	Incorrect number of input fields.
SCH0567	Unable to match input to stored mnemonics.

SCH0568	Illegal extender arrangements.
SCH0569	Remove/addition of loop during same Overlay pass not allowed.
SCH0570	Incorrect number of input fields (3).
SCH0571	First field was not one of (NEW, OUT, CHG).
SCH0572	Second field was not one of (PRT, TTY, TAP) for machines other than SL-1 MS.
SCH0573	Device number out-of-range.
SCH0574	Device specified does not exist.
SCH0575	Device must be disabled before removing or changing. This is applicable on all phases.
SCH0576	Device already exists.
SCH0577	Device specified is not a printer.
SCH0578	Device does not exist.
SCH0579	Unable to match input with stored mnemonics. Mnemonic is invalid.
SCH0580	Mnemonic CDL is not acceptable if other users are specified.
SCH0581	Device must be enabled to permit CDL change.
SCH0582	Input out-of-range.
SCH0583	Cannot remove this ACD terminal. One of the following is true for this TTY: It has been defined as an ACD printer for ACD C reports for a customer, or it has been defined as an input/output device for ACD queue status displays. Changes are not allowed until a TTY is no longer defined as either of the above.
SCH0584	Mnemonic ACD is not acceptable if other users are specified.
SCH0585	Cannot assign own terminal to ACD.
SCH0586	Customer does not exist.
SCH0587	Input is not YES or NO for the CCB and CCBA prompt in the RDB.
SCH0588	ACD terminal cannot be both a senior supervisor and printer.

SCH0589 Customer has more than one senior supervisor/load manager.

SCH0590 Package not equipped.

SCH0591 Loop number increment out-of-range (0-159).

SCH0592 Directory number increment out-of-range (4 digits).

SCH0593 Member number increment out-of-range (0-126).

SCH0594 Unable to recover old TN block.

SCH0595 Unable to remove TN block.

SCH0596 PMS user type coexists with BGD only.

SCH0597 No new messages were added to history file since last printing.

SCH0598 History File is empty.

SCH0599 Invalid user. Cannot access History File.

SCH0600 Illegal input character.

SCH0601 Warning: The system may Initialize, and data corruption may occur. Out of unprotected data store.

SCH0602 Out of Protected Data (PDATA) storage.

Action: Increase memory before doing any service change. (A sysload can reduce memory fragmentation and increase usable protected memory.)

SCH0603 Warning: Unprotected data store below safety limit.

Action: Increase memory before making any service change.

SCH0604 Warning: Protected data store below safety limit.

Action: Increase memory before making any service change.

SCH0605 Not enough protected data store to allocate History File. Followed by requested size and actual size allocated.

SCH0606 LND option package restricted.

SCH0607 Remove DTI clock controller loop first.

SCH0608 7VOD and 7DTA responses are only allowed for Euro interfaces with ETS 300 and 403 implementation.

Action: Configure a Euro route with ETS 300 403 implementation.

SCH0609 The response NI22N is not allowed is the MMCS or Master Mode or NI-2 packages are not equipped. IFC is reprompted.

Action: Equip packages 309, 317 or 291 and reload.

SCH0610 Multi-customer option package restrict.

SCH0611 Option package not equipped.

Action: Enable System Speed Call package.

SCH0612 AIOD package restricted.

SCH0613 {CR} is an invalid input for this prompt.

SCH0614 Use OUT to remove all users.

SCH0615 DES input out-of-range (6-digit alphanumeric).

SCH0616 DES input contains an invalid character.

SCH0617 DES must be entered if LD 10 or LD 11 is new.

SCH0618 No system date exists.

SCH0620 Input number out-of-range. (Overlay 15)

Action: Re-enter input.

SCH0621 Service change not allowed from maintenance set.

SCH0622 Wrong number of parameters given.

SCH0623 Not enough internal workspace to process this request.

SCH0624 Not equipped for MUSIC.

SCH0625 Route specified is not a MUSIC route.

SCH0626 Key assignment conflicts with CLS (LND or SND).

SCH0630 Wrong number of parameters.

SCH0631 Invalid command.

SCH0632 System conversion error message.
Action: Contact your technical support group.

SCH0633 System conversion error message.
Action: Contact your technical support group.

SCH0634 System conversion error message.
Action: Contact your technical support group.

SCH0635 System conversion error message.
Action: Contact your technical support group.

SCH0636 System conversion error message.
Action: Contact your technical support group.

SCH0637 System conversion error message.
Action: Contact your technical support group.

SCH0640 Incorrect number of parameters.

SCH0641 Loop number out-of-range (0-159).

SCH0642 Loop not defined in the configuration.

SCH0643 Loop shelf not defined in the configuration.

SCH0644 Attempt to exchange local and remote shelves.

SCH0645 Incorrect number of parameters.

SCH0647 Shelf number out-of-range (0-3).

SCH0648 Card number out-of-range (1-10).

SCH0649 Attempt to move card more than once.

SCH0650 Mnemonic TO not entered.

SCH0651 Message Waiting package not equipped.

SCH0652 MCD key must be assigned to key 0.

SCH0653 Key 0 must be defined as MCD to assign MIK/MCK.

SCH0654	MIK/MCK cannot be assigned to key 0.
SCH0655	MWK cannot be key 0.
SCH0656	MWK cannot be assigned because telephone has MCD key.
SCH0657	Message center option must be enabled in LD 15.
SCH0658	Invalid DN type for MC DN.
SCH0659	MWK key already defined for this station.
SCH0660	Group DND package restriction.
SCH0661	Incorrect number of parameters.
SCH0662	Unable to match input with stored mnemonics.
SCH0663	Group number out-of-range (0-99).
SCH0664	Group does not exist.
SCH0665	Group already exists.
SCH0666	The loop entered is not a DTI/PRI loop (LD 73).
SCH0667	ICS data associated with the loop is removed (LD 17).
SCH0668	Group already has maximum number of items (127).
SCH0669	Group contains secondary group.
SCH0670	DN does not exist.
SCH0671	DN is not a station.
SCH0672	Sub-group does not exist.
SCH0673	DN or sub-group to be removed is not found.
SCH0674	Group cannot contain itself as a member.
SCH0675	Group cannot contain itself as a member.
SCH0676	Group cannot be it’s own subgroup.
SCH0677	FWA package #338 is not equipped.

SCH0679 Missing DPI L/W from disk.

SCH0680 Invalid terminal type for a DMSX superloop.

SCH0681 Invalid response to REQ prompt.

SCH0682 No customer has route selection for ANI yet.

SCH0683 Protected memory is running low.

SCH0684 The response to a TYPE prompt must be RSA.

SCH0685 CUST may be null only when request is PRT.

SCH0686 Response to CUST out-of-range 0-31.

SCH0687 NEW request made for a customer who already has RS-ANI.

SCH0688 Specified customer does not have RS-ANI.

SCH0689 RS-ANI access code (RSAC) may not begin with digit 0.

SCH0690 Given RSAC conflicts with another existing access code.

SCH0691 RSAC response null during a NEW request.

SCH0692 Invalid null response to 0-RT, 0+RT, 1RT, or CORT prompt.

SCH0693 No such trunk route access code exists.

SCH0694 Special purpose trunks cannot be used for RS-ANI.

SCH0695 Too many digits in access code.

SCH0696 Access code must specify a local (CO) trunk group.

SCH0697 Unable to get protected memory. DN tree may become bad.

SCH0698 Illegal attempt to modify existing data.

SCH0699 RS-ANI package not present.

SCH0700 ACD can only be for key 0.

SCH0701 Input must be one of (NEW, OUT, CHG, PRT, END).

SCH0702 Wrong number of input fields for prompt.

SCH0703	Null input not permitted.
SCH0704	Input should be ACD/SCB.
SCH0705	Unable to find an ACD block.
SCH0706	Shorter Directory Number already exists.
SCH0707	DN conflicts with existing number.
SCH0708	DN conflicts with existing longer number.
SCH0709	ACD DN must exist for NEW, CHG, OUT, PRT commands.
SCH0710	ACD list is full.
SCH0711	ACD DN must not exist for NEW command.
SCH0712	ACD LIST does not exist. Data corrupted. **Action:** Perform SYSLOAD.
SCH0713	ACD block must exist. Data corrupted. **Action:** Perform SYSLOAD.
SCH0714	ACD DN and ACD block already exist for this customer.
SCH0715	Unable to locate ACD data for this customer. Data corrupted. **Action:** Perform SYSLOAD.
SCH0716	ACD DN conflict.
SCH0717	ACD DN does not exist.
SCH0718	ACD-ID (DN) already exists.
SCH0719	ACD positions are full. Cannot add more.
SCH0720	Logical unit is not of required type.
SCH0721	SCB must exist for CHG, OUT, or PRT command.
SCH0722	SCB must not exist for NEW command.
SCH0723	Maximum ACD positions out-of-range (1-240).
SCH0724	Route input out-of-range (0-30).

SCH0725 Cannot remove ACD data when ACD positions are active.

SCH0726 First/Second RAN time input out-of-range (0-2044).

SCH0727 ACD-NITE-CFWD Interflow DN exceeds 16 digits.

SCH0728 ACD positions list cannot be decreased in size without removing agents.

SCH0729 ACD list is full.

SCH0730 DN conflicts with existing number.

SCH0731 Null input not permitted.

SCH0732 Wrong number of input parameters.

SCH0733 Unable to match input field with stored mnemonics.

SCH0734 Route number out-of-range (0-30).

SCH0735 Hold Recall timer value out-of-range (0-512).

SCH0736 Cannot remove CAS while CAS keys are present.

SCH0737 CAS does not exist for this customer.

SCH0738 No further CAS keys allowed for this customer.

SCH0739 CAS key data corrupted. Perform SYSLOAD.

SCH0740 Incorrect option for chosen route type.

SCH0741 RLR, RLM trunk types must be digitone.

SCH0742 Agent ID out-of-range.

SCH0743 Extended ACD package not equipped.

SCH0744 Invalid date.

SCH0745 Telephone must be declared as ACD supervisor.

SCH0746 Insufficient parameters given.

SCH0747 Agent DN does not exist.

SCH0748 Cannot supervise a telephone declared as a supervisor.

SCH0749	Key data for ACD key cannot be found for DN specified.
SCH0750	Agent already has a supervisor.
SCH0751	ACD package is not equipped.
SCH0752	Key zero cannot be used for this function.
SCH0753	TN specified must be an ACD set.
SCH0754	ACD DN must be given.
SCH0755	ACD DN given is not defined.
SCH0756	Queue for the ACD DN given is full.
SCH0757	Logical Unit not assigned as an ACD device.
SCH0758	ACD data for specified ACD DN cannot be found.
SCH0759	Digit display package must be equipped.
SCH0760	Display Class of Service must be specified.
SCH0761	Key function not valid on ACD supervisor position.
SCH0762	Associated DWC key must be previously defined.
SCH0763	Another supervisor position has ENI key for specified ACD-DN.
SCH0764	Threshold value is out-of-range (0-2047).
SCH0765	Valid response to this prompt is YES or NO.
SCH0766	Specified route number already exists and is not of the appropriate type.
SCH0767	Supervisor’s AGT key must be removed before removing agent.
SCH0768	No ACD devices assigned.
SCH0769	Specified ACD device already assigned (to another customer).
SCH0770	TGAR value is out-of-range (0-15).
SCH0771	COS value is invalid.
SCH0772	Wrong number of parameters given.

SCH0773	Error in the DISA LIST connections.
SCH0774	Incorrect value for TYPE (DIS, AUB, AUT allowed).
SCH0775	DISA package not equipped.
SCH0776	Authcode package not equipped.
SCH0777	Password given is not correct.
SCH0778	DN does not exist.
SCH0779	DN already exists.
SCH0780	DN conflicts with an existing DN.
SCH0781	DN is required. Response must be given.
SCH0782	DN exists but is not a DISA DN.
SCH0783	The security code is out-of-range (0-8 digits).
SCH0784	The auth data block already exists for this customer.
SCH0785	The auth data block for this customer is not yet defined.
SCH0786	Authcode length must be specified.
SCH0787	Authcode length is out-of-range (0-14).
SCH0788	Maximum Authcodes must be specified.
SCH0789	Maximum Authcodes is out-of-range (0-4096).
SCH0790	Unable to match input with stored mnemonics.
SCH0791	out-of-range (0-15).
SCH0792	Auth data block cannot be removed if the table is not empty.
SCH0793	No DISA DNs are defined for this customer.
SCH0794	Authcode already exists.
SCH0795	Auth table is full.
SCH0796	Length of Authcode must match specified length.

SCH0797 Authcode does not exist.

SCH0798 Authcodes entered do not match those defined in Code and Customer blocks. Not enough digits in Authcode.

SCH0799 MAX cannot be reduced below number of existing codes.

SCH0801 TYPE is invalid.

SCH0802 Specified loop has no valid TN.

SCH0803 Specified loop-shelf has no valid TN.

SCH0804 Specified loop-shelf-card has no valid TN.

SCH0805 Specified TN is invalid.

SCH0806 CLI in CLS requires Analog CLI package to be equipped.

Action: Equip the Analog CLI package #349.

SCH0807 TN is valid but unable to match type.

SCH0808 TYPE is invalid.

SCH0809 Too many parameters for LUC.

SCH0810 Incompatible wireless card density.

Action: Service change is not allowed. If MWUN needs to be changed, remove all units on the line card and reconfigure. If new units are being configured, all units must have the same value of MWUN as the existing units. MWUN can be changed from 16 to 32, to cause all units to change. MWUN can be changed from 32 to 16 only if no units have a unit number < 15. If any units exist with >15, a SCH0810 message will be generated for the changed unit.

SCH0811 System has no unused cards.

SCH0812 Specified loop has no unused cards.

SCH0813 Specified loop-shelf has no unused cards.

SCH0814 Specified loop-shelf-card is not unused.

SCH0815 Specified loop-shelf-card-unit is not unused.

SCH0816 Invalid month in response to prompt.

SCH0817 Invalid day (from) or (to).

SCH0818 Invalid date for History File. Must be mmdd, LAST or ALL.

SCH0819 CTI/CTO response to RCAP is not allowed for interfaces that are different from ESGF/ISGF.

Action: Configure an ETSI or ISO QSIG GF interface.

SCH0820 An attempt is made to configure RCAP to CTI (resp. CTO) when CTO (resp. CTI) is already configured.

Action: Remove the RCAP CTO first (or RCAP CTI res

SCH0821 System has no unused units.

SCH0822 Specified loop has no unused units.

SCH0823 Specified loop-shelf has no unused units.

SCH0824 Specified loop-shelf-card has no unused units.

SCH0825 Specified TN is not unused.

SCH0826 History File buffer not defined.

SCH0827 TN (or part) is valid but no unused units of the requested type were found.

SCH0828 History File must be output before erasing file.

SCH0829 Invalid date range for History File.

SCH0830 Data entry invalid dd (day 1-31) mm (month 1st 3 letters of month) yy (year xxxx).

SCH0831 No system date exists.

SCH0832 Incorrect response to PAGE (YES/NO).

SCH0833 DES must be 1-6 alphanumeric characters.

SCH0834 All associated service routes must be deleted before the NI-2 CBC master route can be removed.

SCH0835 The trunk route type and the service type, mismatch.

Action: Input the correct decimal value of the service.

SCH0836 The NI-2 package is not equipped.

Action: Install the NI-2 package.

SCH0837 The service has been configured in this NI-2 CBC master route.

Action: Use other service type.

SCH0838 The Backup D-channel is not supported for VNS.

Action: Invalid DCH number entered for PDCH.

SCH0839 A 3 digit or 4 digit input is expected.

Action: Use the correct input.

SCH0840 NI-2 CBC IntraLATA OUTWATS are already defined.

SCH0841 NI-2 CBC InterLATA OUTWATS are already defined.

SCH0842 Interface type not supported. ISA does not support NI-2.

SCH0853 CAC Conversion Entry is not defined in the ANI Block of the Customer Data Block. The CAC Conversion Entry is stored in the database.

Action: Define a CAC Conversion Entry in the customer data block.

SCH0854 The entry is not configured. The CAC entry cannot be deleted.

SCH0855 Access code does not exist or is invalid.

SCH0856 Null line not allowed for customer.

SCH0857 Customer has no data blocks of correct type.

SCH0858 Route number does not exist.

SCH0859 Route number out-of-range.

SCH0860 No restricted (or allowed) codes found. Block is clear.

SCH0861 No route data block or members for the specified route number.

SCH0862 No code restriction block for the specified route number or access code.

SCH0871 The Mobility package is not present.

Action: Contact your technical support group.

SCH0872 A Phantom loop is not available.

Action: Configure a Phantom loop from Overlay 97.

SCH0873 The CAC Conversation table entry already exists.

SCH0874 When creating a new customer, only default tables (number 0) are configurable for prompt R_ENTRY, MFC_ENT and CIS_ENT.

Action: Answer 0 or {CR} to the prompt.

SCH0875 There are still EIMC/MXC card(s) associated with this MISP.

Action: In order to remove the MISP/MOBILITY application, remove all EIMC/MXC cards from the MISP using Mobility MAT platform.

SCH0877 Invalid DN. Zeros not allowed.

SCH0878 Invalid DN. Null line not allowed.

SCH0879 No TN hunt to specified DN.

SCH0880 Valid DN found but of wrong type.

SCH0881 No valid DN can be found starting with specified digits.

SCH0882 Invalid DN. Zeroes not allowed.

SCH0883 Invalid DN type in DN block.

SCH0884 Loop entered is not a DTI/PRI loop. 9LD 73).

SCH0885 ICS data associated with the loop is removed (LD 17) and the default value of FF (UNASSIGNED PCM CODE) is sent to the remote end.

SCH0886 Shorter DN number exists.

SCH0888 No customer data block can be found.

SCH0889 No route blocks can be found for this customer.

SCH0890 ACD DN conflict. Data blocks not correctly set up for this ACD DN.

SCH0891 Low speed link already assigned.

SCH0892 High speed link already assigned.

SCH0893 Low speed link device must be disabled before changes.

SCH0894 High speed link device must be disabled before changes.

SCH0895 No other user is allowed for an existing low speed link.

SCH0896 No other user is allowed for an existing high speed link.

SCH0897	AUX processor package not equipped.
SCH0898	NOO cannot be used with CDL, CAM, ACD, HSL, or LSL.
SCH0899	NOO must be used with one or more of MTC, TRF, SCH, CTY, or BUG.
SCH0900	Group number exceeds customer maximum group number.
SCH0901	SL-1 ring option conflicts with group option.
SCH0902	DIG group number conflicts with existing DIG group number.
SCH0903	DIG list block does not exist.
SCH0904	Null input for DIG group number.
SCH0905	DIG group out-of-range (0-253).
SCH0906	DIG member number conflicts with existing DIG member number.
SCH0907	Undefined DIG member number.
SCH0908	Null input for DIG member number.
SCH0909	DIG member number out-of-range (0-99).
SCH0910	Null input for DIG ring option.
SCH0911	DIG ring/voice (R/V) option out-of-range. Must be specified.
SCH0912	Bad TN assigned as DIG member number.
SCH0913	Total DIG group number cannot be reduced as members are assigned to groups to be removed.
SCH0914	Conflict between DIG member number and special prefix DN.
SCH0915	CDR port number conflicts with existing CDR port number.
SCH0916	Illegal use of CHG. **Action:** Disable port in LD 35 and use OUT to remove all users.
SCH0918	Maximum number of ACD-ADS customers per system is exceeded.
SCH0919	Maximum number of ACD-ADS agents per system is exceeded.
SCH0920	Translation list number not in LD 15.

SCH0921 Attempt to configure RCAP with a QSIG Name display remote capability when one is already configured.

Action: Remote the existing RCAP before entering a new one.

SCH0922 Attempt to configure RCAP with a QSIG Call Completion to Busy Subscriber remote capability when one is already configured

Action: Remote the existing RCAP before entering a new one.

SCH0923 Attempt to configure RCAP with a QSIG Call Completion on No Response remote capability when one is already configured.

Action: Remote the existing RCAP before entering a new one.

SCH0924 Agent ID lower or upper bound conflicts with existing data.

SCH0925 New request is invalid for ADS prompt if the customer has been assigned as an ACD package D customer.

SCH0926 CHG/OUT request is invalid for ADS prompt if the customer is not an ACD package D customer.

SCH0927 The numbered key is less than the total number of agents logged in at this instant.

SCH0928 NULL input for LOG prompt is invalid under the NEW request for ADS prompt.

SCH0929 Points to the agent ID table is NIL.

Action: Try again.

SCH0930 More than one parameter given for ARSQ.

SCH0931 ARSQ must be null or in the range 0-3.

SCH0932 ARSR must be YES or NO, or null.

SCH0933 More than one parameter given for ARSR.

SCH0934 More than one parameter given for SPRI.

SCH0935 SPRI must be null or in the range 0-3.

SCH0936 More than one parameter given for MPRI.

SCH0937 MPRI must be null or in the range SPRI to 3.

SCH0938 MPRI cannot be null because SPRI is greater than current value of MPRI.

SCH0939 More than one parameter given for PROM.

SCH0940 PROM must be null or in the range 1-999.

SCH0941 PROM was given as null but must now be changed because currently PROM is undefined and SPRI is less than MPRI.

SCH0942 More than one parameter given for ERWT.

SCH0943 ERWT must be NO, null, or in the range 0-999.

SCH0945 Invalid Template type. Should be SL-1 or 500.

SCH0946 Invalid unit type.

SCH0947 Illegal INFO response. Should be FRM, DEF, USE, or USS.

SCH0948 TEMPLATE Number is out-of-range.

SCH0949 MMT sets cannot modify CLS EXR0-4 if CLS DRDA is configured.

Action: Change CLS DRDA to CLS DRDD and then modify CLS EXR0-4.

SCH0950 Prime DN must be a single appearance DN.

SCH0951 COS cannot be AAA if AAK key is already assigned.

SCH0952 AAK key cannot be assigned if COS is AAA.

SCH0953 Current DN appears elsewhere and thus may interfere with AAB operation.

SCH0954 AAB package not equipped.

SCH0955 Cannot remove customer data block before removing associated route data blocks.

SCH0956 Command is OUT CDB, but units are not all removed.

SCH0960 Number of Park DN out-of-range.

SCH0961 Active park DN cannot be deleted.

Action: Try again later.

SCH0963 Service change for EIMC/MXC card(s) is not allowed from overlay 27.

Action: Use the Mobility Mat platform.

SCH0964	A problem has occurred when configuring EIMC/MXC from Mobility MAT platform. **Action:** Contact your technical support group.
SCH0965	Only one MISP can have the Mobility application defined.
SCH0966	The MISP card is not in the Manual Disabled state. **Action:** Use Overlay 32 to disable the MISP card.
SCH0970	ICI key/lamp not assigned in customer data for this station category.
SCH0971	MR terminal assignment out-of-range (0-7).
SCH0972	SL-1 station must have CLS = MWA before assigning MR key.
SCH0979	DN entered for ROA is not a station DN.
SCH0980	Wrong number of input parameters.
SCH0981	Threshold out-of-range.
SCH0982	Threshold must be greater or equal to the previous threshold.
SCH0983	TN not existing in CDB.
SCH0984	Route number is not a RAN/MUS route.
SCH0985	Timing threshold not entered.
SCH0986	Timing out-of-range (15-500).
SCH0987	DN assigned out-of-range; maximum 10 for ROA.
SCH0988	Out-of-range (4-12).
SCH0989	No Speed Call Lists in existence.
SCH0990	Dialing group number out-of-range (0-7).
SCH0991	Warning: No DN translator set up for customer.
SCH0992	Warning: No attendant DN block setup.
SCH0993	No value assigned to attendant access code.
SCH0994	Speed Call List number out-of-range.

SCH0995 Speed Call List not available to be used as translation list.

Action: Use LD 18. Speed Calls in 18 must DNSZ4 and SIZE10.

SCH0996 An attempt has been made to remove, change or reassign an attendant supervisory console while in-service observation mode.

SCH0997 Prime TN of attendant console must be on line (unit) zero of card.

SCH0998 May not allocate console on any cards which have any valid stations.

Action: All TNs on the card must be unused.

SCH0999 May not allocate SL-1 sets on any card having an attendant console.

SCH1000 Secondary TN must be the second unit which is contiguous to the prime TN (which is on the first line).

Action: Enter the prime and secondary TN again.

SCH1001 TNTRANS failed on remove from core. Corrupted data in memory.

Action: System should be reloaded. If the fault persists, contact your technical support group.

SCH1009 XMWK and RMWK keys are supported only on MMT sets.

Action: Configure on MMT sets.

SCH1030 Port name specified could not be found. PTTP reprompted.

SCH1031 Route member port type will not be recorded. Memory allocation failed.

SCH1032 Route member port type assignment performed without previous stored default port type status information.

SCH1033 Invalid number of responses to the LSPN prompt. Only one is allowed.

SCH1034 Specified loss plan is not available.

SCH1035 Response required for RESTORE prompt.

SCH1036 Response to RESTORE prompt must be either YES or NO.

SCH1037 Wrong number of response parameters to the HEAD prompt.

SCH1038 Response to HEAD prompt was not YES, NO or {CR}.

SCH1039 A unit being modified has been previously assigned the port type that was not the default for the configuration, and will not be assigned the default port type for the new configuration.

SCH1098 The VID7 supplementary service needs voice and data configuration.

Action: Configure the supported call type for voice and data.

SCH1100 Response to EMG must be one of CON, MEM, or NO.

SCH1101 Input does not match stored mnemonics.

SCH1102 Group number is out-of-range (0-9).

SCH1103 Invalid response to prompt GRP.

SCH1104 Controller already exists for this group.

SCH1105 Group is full (10 members, 1 controller).

SCH1106 CFNA and BFSE recall cannot be allowed at the same time.

SCH1107 CTL for this customer exists already.

SCH1108 Trace data does not exist for this customer.

SCH1109 Invalid request for call trace data.

SCH1110 A DN must be entered for prompt NITE. A night DN cannot be removed, but can be changed.

SCH1111 A valid response = YES, NO, or {CR}.

SCH1112 TN block already exists and is not another bell.

SCH1113 Not a valid Trace DN.

SCH1114 DN is already in list.

SCH1115 DN is not in list.

SCH1136 The given prefix table already exists.

Action: The number entered for the prefix table must be changed.

SCH1137 Cannot remove non-existing table.

Action: The number entered for the prefix table must be changed.

SCH1138 Invalid entry for NPI.

Action: Give any one of the following valid NPI values UNKN, E164, PRIV< E163, TELX, X121, NATL.

SCH1139 Invalid entry for TON.

Action: Give any one of the following valid TON values UNKN, INTL, NATL, ESPN, LOCL, ELOC, ECDP.

SCH1140 Invalid entry for PREF.

Action: Maximum of four digit Access Prefix value can have allowed digit entry as either numerals 0-9 or character "#".

SCH1141 The table number specified is not configured or is out-of-range.

Action: The table number must be configured with the value range 0-16.

SCH1191 The RCAP MQC is only allowed if the MEET package is equipped.

SCH1192 The RCAP MQC is only allowed for QSIG GF interface type.

SCH1193 This entry is not allowed for MQC_FEAT prompt as the corresponding package is restricted.

SCH1194 Alternate day out-of-range.

Action: Enter in the range 1-7.

SCH1195 The response to DAY0-3 or HOL_OPT prompt cannot be deleted as it is not included.

Action: Enter an existing alternate day for DAY0-3 or AHOL for HOL_OPT.

SCH1196 Holidays cannot be changed or deleted (CRHOL_CHG/OUT) while creating a new CDB.

Action: Add holidays with CRHOL = NEW.

SCH1197 Holiday list is full (20 entries). Cannot add anymore holidays.

SCH1198 Holiday day list is empty. No holiday to delete.

SCH1199 Invalid date.

Action: Enter in the format dd mm [yyyy]

SCH1200 The holiday entered should exist when trying to change or delete a holiday. When adding a new holiday, it should be already present in the list.

Action: For an existing holiday, CRHOL=CHG/OUT. For a new holiday CRHOL=NEW.

SCH1205 XMWK key cannot be associated with PDNs.

Action: Configure XMWK key for a non-PDN.

SCH1206 DN to be associated with XMWK is not configured on this set.

Action: Configure the DN as a non-PDN.

SCH1207 XMWK key is already configured for this DN.

Action: Do not try to configure more than one XMWK key for the same DN on a set.

SCH1208 XMWK key cannot be on key 0.

Action: Configure the XMWK key on a non-zero key.

SCH1209 RMWK key cannot be on key 0.

Action: Configure the RMWK key on a non-zero key.

SCH1210 Only 0, 1 and 2 are accepted as inputs for the Taurus KBA prompt.

SCH1211 Invalid DN type for Mailbox DN.

Action: Configure a valid DN.

SCH1212 On the M3901 and M3902, if SCR, PVN PVR, MCN, or MCR is configured, it must be configured only on key 0. These mnemonics will be blocked from being assigned to keys 1 through 5.

SCH1213 DN cannot be deleted until the associated XMWK key is deleted.

Action: Delete the XMWK key first.

SCH1214 VMBA package #246 is not equipped.

Action: Enable the VMBA package.

SCH1216 ANI Entry is not defined in the ANI Block of the Customer Data Block. The ANI Entry is stored in the database.

Action: Define an ANI Entry in the Customer Data Block.

SCH1217 Cannot decrease ANI Table size. Entries to be removed are not empty.

Action: Remove the unneeded ANI entries first. Then decrease the ANI table entry size.

SCH1218 An ANI Entry or Entries are not deleted since the entry or entries are not configured.

SCH1220 The ANI entry already exists.

Action: If the user does not want to modify an existing entry, enter {CR} for the next four subprompts.

SCH1221 This prefix table already exists.

Action: The number entered for the prefix table must be changed.

SCH1222 Cannot remove a non-existing table.

Action: The number entered for the prefix table must be changed.

SCH1223 Invalid entry for NPI.

Action: Give any one of the following valid NPI values, UNKN, E164, PRIV, TGELX, X121, NATL.

SCH1224 Invalid entry for TON.

Action: Give any one of the following TON values, UNKN, INTL, NATL, ESPN, LOCL, ELOC, ECDP.

SCH1225 Invalid entry for PREF.

Action: Maximum of four digit Access Prefix value can have allowed digit entry as either numerals 0-9 or character '#'.

SCH1226 Table number specified is not configured or is out-of-range.

Action: Table number must be configured with a value range 0-16.

SCH1227 ISDN package is not equipped.

Action: Feature DAPC is part of the ISDN package #145.

SCH1228 Prefix table zero cannot be removed.

Action: Valid input value for prefix table removal is 1-15.

SCH1230 Taiwan R1 trunk has to be incoming only, or outgoing only. Response IAO is not allowed for ICOG. Valid responses are ICT or OGT.

SCH1238 The class of service cannot be changed from BSFA to BSFD when an existing BFS key has the same TN configuration as the configuring set.

Action: Make the corresponding key null and then change the class of service.

SCH1239	The class of service is BSFD. The TN of the BFS key and the TN of the configuring set, must not be the same. **Action:** Before you configure a BFS key against a TN that is the same as the configuring set, change the class of service to BSFA.
SCH1240	Invalid response to YES/NO question.
SCH1241	Invalid response to YES/NO question).
SCH1242	Invalid entry.Out-of-range (0-15).
SCH1243	Entry out-of-range (maximum 4 fields).
SCH1244	Entry out-of-range (minimum 4 fields).
SCH1245	Only one cadence.
SCH1246	Out-of-range (0-31).
SCH1247	Out-of-range (0-511).
SCH1248	Out-of-range (0-127).
SCH1249	Value equal 0.
SCH1250	Cadence value of 0 is invalid.
SCH1251	First Cadence Element Max Exceeded (31).
SCH1252	Second Cadence Element Max Exceeded (511).
SCH1253	Third Cadence Element Max Exceeded (127).
SCH1254	Fourth Cadence Element Max Exceeded (511).
SCH1255	2 or 4 Cadence Elements required.
SCH1256	Tones and Cadence already exist.
SCH1257	Tones and Cadences do not exist.
SCH1258	TRB password does not match CDB PSWD or LEVEL2 PSWD.
SCH1259	First digit must be 0, and second must be less than or equal to 3 for TDS card message compatibility.
SCH1260	Input is out-of-range (0-255).

SCH1262 For IFC type 7SGF, the USR must be set to SS7.

Action: Cancel this D-channel definition and re-enter

SCH1263 The RATE must be defined as E1. T1 interfaces are not supported on MMCS Phase 6.

Action: Press the Enter key {CR} to accept the cor

SCH1264 To add or remove loops from the D-channel list without disabling the D-channel, the IFC type must be 7SGF. The required configuration change is possi

SCH1265 The loop can be removed only when none of its channels are configured for B-channel signaling.

Action: User overlay 14 to remove the B-channels a

SCH1266 This loop number is not defined in the D-channel list. The request to remove the loop is ignored.

Action: Enter the correct loop number to be remove

SCH1267 This loop is already defined in the D-channel list. The request to add the loop is ignored.

Action: Enter the correct loop number to be added

SCH1268 The loop entered must be of type PRI2 for RATE E1.

Action: Re-check the loop definition in the common

SCH1269 The specified interface number is already used.

Action: Enter the correct interface number for this loop.

SCH1270 The loop type must be PRI or PRI2.

Action: Check the loop type by printing the common

SCH1271 The specified loop is in the loop list for another D-channel.

Action: Check the other D-channels for this loop.

SCH1272 The specified loop is not configured.

Action: Configure the loop in the common equipment

SCH1273 The primary D-channel must be specified.

Action: Enter the primary D-channel number.

SCH1274 Only the commands: NEW, OUT, PRT, are accepted with TYPE SS7.

Action: Re-enter the command.

SCH1275 The interface ID for IFC type SL1 with PRI2 loops must be less than 12.

Action: Choose an interface ID in the range 0-11.

SCH1276 The D-channel used by this B-channel must be the same as other members of the route.

Action: Re-enter the command.

SCH1287 The number of portable TNs in the system exceeds the number of portable TNs defined in the tape directory.

SCH1288 The new MIN or ESN entered is a duplicate of the MIn or ESN configured for the specified TN.

Action: Enter a unique value.

SCH1289 Unable to match the input with the stored mnemonics. Valid responses for the PU TYP prompt are PRIV and IS41.

SCH1297 Warning - ensure that ITD hardware supports more than 24 units.

SCH1298 The MAXU value cannot be decreased to a value below the highest unit number configured on the card.

SCH1300 MFC/MFE signal number out-of-range.

SCH1301 Invalid MFC/MFE function mnemonic.

SCH1302 Function already exists.

SCH1303 Attempt to enter Forward Called Number Digit in illegal location.

SCH1304 Wrong number of input fields for GNPO.

SCH1305 MFC/SS/MFE head table does not exist.

SCH1306 MFC Timer out-of-range (1-24 sec.).

SCH1307 MFC Automatic Digits out-of-range (1-4).

SCH1308 Entry for MFL out-of-range.

SCH1309 Remove tables not needed before lesser MAXT.

SCH1310 Maximum number of MFC/MFE tables out-of-range.

SCH1311	MFC/SS/MFE table number out-of-range.
SCH1312	MFC/SS/MFE table already exists.
SCH1313	MFC/SS/MFE table does not exist.
SCH1314	Conflicting MFC/MFE route types.
SCH1315	MFC End-to-End Signaling code out-of-range.
SCH1316	Invalid MFC/MFE signaling level.
SCH1317	MFC/MFE/MFC package not equipped.
SCH1318	MFC DID/MFE package not equipped.
SCH1319	MFC TIE package not equipped.
SCH1320	MFC/SS/MFE table linked to a route cannot be removed.
SCH1321	Route ICOG must be incoming and MFC table defined.
SCH1322	Null response not allowed.
SCH1323	MFC/MFE level 1 does not exist.
SCH1324	Cannot remove MFC/MFE level 1.
SCH1325	MFC/MFE level not defined.
SCH1326	Incomplete response for RECVor RFUN.
SCH1327	Incomplete response for XMIT or RFUN.
SCH1328	Invalid input type
SCH1329	Invalid function for this table/level/type.
SCH1330	Table not deleted in route data.
SCH1331	Response must be either ICT or OGT.
SCH1332	Outgoing MFC table exists in a DID route.
SCH1333	Incoming MFC table does not exist in this route.
SCH1334	Only incoming MFE tables allowed.

SCH1335 Only DID routes allowed for MFE tables.

SCH1336 The loop number to be entered must be for a DTI2 loop.

SCH1337 An invalid TN.

SCH1338 HFA is not allowed on this set.

SCH1339 Group Listening is not allowed on this set.

SCH1340 Invalid response to prompt SCL.

SCH1341 Unable to move ITG units to non-ITG card.

SCH1356 Only MSB, NRD, AAG, AMG, DWC and ASP are allowed on these keys.

SCH1357 On the M3902, key 4 will only accept NUL or TRN or AO3 or AO6 as possible mnemonics.

SCH1358 On the M3902, key 5 will only accept NUL or MWK as possible mnemonics.

SCH1359 On the M3903, keys 4 - 15 are not supported.

SCH1360 On the M3903, M3904, and M3905, key 17 is reserved for the TRN mnemonic. No other mnemonic except NUL can be configured on that key.

SCH1361 On the M3903, M3904, and M3905, key 18 is reserved for the AO3 or AO6 mnemonic. No other mnemonic except NUL can be configured on that key.

SCH1362 On the M3903, M3904 and M3905, key 19 is reserved for the CFW mnenomic. No other mnemonic except NUL can be configured on that key.

SCH1363 On the M3903, M3904 and M3905 key 20 is reserved for the RGA mnemonic. No other mnemonic except NUL can be configured on that key.

SCH1364 On the M3903, M3904 and M3905, key 21 is reserved for PRK mnemonic. No other mnemonic except NUL, can be configured on that key.

SCH1365 On the M3903, M3904 and M3905, key 22 is reserved for the RNP mnemonic. No other mnemonic except NUL can be configured on that key.

SCH1366 On the M3903, M3904 and M3905, key 23 is reserved for SCU/SCC/SSU or SSC. No other mnemonic except NUL can be configured on that key.

SCH1367 On the M3903, M3904 and M3905, key 24 is reserved for the PRS mnemonic. No other mnemonic except NUL can be configured on that key.

SCH1368	On the M3903, M3904 and M3905, key 25 is reserved for the CHG mnemonic. No other mnemonic except NUL can be configured on that key.
SCH1369	On the M3903, M3904 and M3905, key 26 is reserved for the CPN mnemonic. No other mnemonic except NUL can be configured on that key.
SCH1370	On the M3903, M3904 and M3905, keys 27-31 are reserved.
SCH1371	On the M3903, M3904, and M3905 MWK is reserved for key 16. No other mnemonic except NUL can be configured on this key.
SCH1372	Key 7 is blocked on this set.
SCH1373	Key number entered exceeds the maximum number of keys allowed with 2 KBAs.
SCH1374	On the M3904 and M3905, KBAs and DBAs are mutually exclusive. If 1 or 2 was entered at KBA prompt, 0 or carriage return must be entered at DBA prompt.
SCH1375	Keys 12-15 are not supported on M3904 or M3905.
SCH1376	Only NUL or PROG can be assigned to key 7 on the M3905.
SCH1377	On the M3903, the maximum key number supported is 31.
SCH1372	Key 7 is blocked on this set.
SCH1420	Attendant is in conflict with existing DN or special service prefix.
SCH1480	Upper flash out-of-range.
SCH1500	DN is used elsewhere and cannot be used as an attendant access code.
SCH1501	Invalid DN.
SCH1502	No value is assigned to attendant value code.
SCH1503	Conflict between special function prefix and night number.
SCH1504	Package not equipped.
SCH1505	Customer data block may be removed: attached data = route, flexible tones and ringing data, Flexible Feature Code, attendant DN and/or NFCR data.
SCH1530	FTC block already exists.
SCH1531	FTC block does not exist.

SCH1532	Cannot have code restriction data on TIE trunks.
SCH1539	Input is invalid for this prompt.
SCH1540	FTC class one data already exists.
SCH1541	FTC class two data already exists.
SCH1542	FTC class three data already exists.
SCH1543	FTC class one data does not exist.
SCH1544	FTC class two data does not exist.
SCH1545	FTC class three data does not exist.
SCH1546	Response to prompt MTHD must CNT or ANL.
SCH1547	A valid method must be entered.
SCH1548	A maximum must be entered.
SCH1549	Response to prompt REQ must be NEW, OUT, CHG, REM or END.
SCH1551	Response to REQ was NEW. Response to FTC REQ must be NEW
SCH1552	Response to prompt REQ must be NEW, OUT, CHG, REM or END.
SCH1555	Response to CLS TYPE must be one of ONE, TWO, or THREE.
SCH1556	Invalid access code (4 digits maximum).
SCH1557	Too many access codes (maximum 15).
SCH1558	Response to BYPS must be YES or NO.
SCH1559	Response to CLR must be ALOW or DENY.
SCH1560	Code length out-of-range (must be 3 digits).
SCH1561	Code cannot be restricted. Does not match a previously entered access code.
SCH1562	Code cannot be removed. Does not exist in data.
SCH1564	Invalid response to CONG. Must be one of BUSY, OVFL, or {CR}.
SCH1571	Software error.

Action: Contact your technical support group.

SCH1572 Invalid repeat Counter for this type of trunk, MAX is 255.

SCH1573 Member number increment out-of-range (0-511).

SCH1574 Member number out-of-range (1-510).

SCH1700 Threshold data must be defined prior to group data.

SCH1701 Threshold block does not exist.

SCH1702 Threshold block already exists.

SCH1703 Threshold value out-of-range.

SCH1704 All groups must be removed before the threshold block may be removed.

SCH1705 Loop to be removed for member x does not match data for member x.

SCH1706 Invalid loop number (i.e. loop is already a member, loop is not disabled or is not an RPE loop).

SCH1707 Group number is out-of-range (SL-1A and LE 1-5, VLE 1-31).

SCH1708 Loop number (address) is out-of-range.

SCH1709 RPE2 package not present on tape.

SCH1866 NMCE package not equipped.

SCH1867 Warning: The ISA master route cannot have any RLI pointing towards itself.

Action: Check whether this route is associated with any RLI. Remove all RLI's associated with this route.

SCH1868 Class of service being changed to SPCD as the class of service has been changed to MID.

SCH1869 SPCA Class of service only allowed for IPE, TIE, E&M trunks with MIA class of service.

SCH1870 The number of digital TN's in the system exceeds the number of digital TN's defined in the tape directory.

SCH1871 The number of analog TN's in the system exceeds the number of analog TN's defined in the tape directory.

SCH1872 WARNING: It is recommended that a non-CallPilot CDN be configured here.

Action: Please ensure that the CDN you are configuring as an AODN is a CallPilot CDN. The CDN you have entered will be accepted if you continue through the Overlay. However, if you have entered a non-CallPilot CDN, please leave the Overlay (****) and re-enter, or re-start the Overlay (**).

SCH1873 Key 7 is blocked on this set.

SCH1875 RCAP UUS1 only allowed for EURO/E403.

SCH2000 An attempt was made to assign a mini CDR tape unit to a customer for which the tape was not assigned in configuration data.

Action: Assign the tape in LD 17 and return to LD 15 to assign the tape to a customer.

SCH2001 Private route not allowed.

SCH2002 No CDP list exists for this CDP steering code.

SCH2003 ESN data block does not exist for this CDP steering code.

SCH2004 No customer data block exists for this CDP steering code.

SCH2005 Invalid CDP steering code.

SCH2006 Wrong number of input fields for prompt NCOS.

SCH2007 NCOS number out-of-range (0-15 for NARS, 0-3 for BARS/CDP, 0-7 for NFCR).

SCH2008 NCOS package must be equipped if ESN is entered.

SCH2009 NARS package must be equipped if ETN is entered.

SCH2010 Signaling type inconsistent with card density.

SCH2011 New unit number is too high for the new card.

SCH2012 Off-premise extension for single density card only.

SCH2013 Attempt to increase card density while OPX units are equipped.

SCH2014 Existing card density too high for move/swap.

SCH2015 Attempt to move/swap loops while upper shelves exist in the loop with lower density.

SCH2016 The DNIS Route must be defined as auto-terminating or IDC.

SCH2017 This value represents a change for the CDR with Outpulsed Digits (OPD). The change does not take effect until after the next initialization.

SCH2019 Frame formats must be the same when moving or swapping DTI loops.

SCH2020 Moving a trunk between different loops is not permitted.

SCH2021 DTI package not equipped.

SCH2022 Cannot delete a non-DTI loop or add a DTI loop which is not undefined, or make changes to a non-DTI loop.

SCH2023 Odd loop numbers for DTI card slot not allowed.

SCH2024 Digital trunk loop must be a DTI2, JDMI, or PRI2 loop.

SCH2025 Primary reference loop number and secondary reference loop number cannot be the same.

SCH2026 Illegal input for trunk type.

SCH2027 NCOS package and/or DTI package is restricted.

SCH2028 Digital TIE auto must be VCE or DTA only.

SCH2029 TN to channel conversion failure.

SCH2030 Digital data block does not exist.

SCH2031 Digital data block already exists.

SCH2032 Configuration loop number must be a DTI card slot.

SCH2033 A DTI loop can only be moved to another DTI loop.

SCH2034 A digital route is required.

SCH2035 {CR} is allowed only if a DTI card does not exist on the network shelf.

SCH2036 Framing format has been changed from D2 to D3 or vice versa.

Action: For X11 Release 16, framing format cannot be changed while trunks exist on the loop. Trunks associated with that loop must first be removed from the configuration before changing the framing format.

SCH2037 Channel out-of-range (1-24).

SCH2038	Channel to TN conversion failure.
SCH2039	Last shelf on the slot is not permitted for DTI.
SCH2040	Cannot remove a digital data block while DTI loops still exist.
SCH2041	Framing format data corruption has occurred.
SCH2042	Protected terminal digital loop block pointer has been corrupted.
SCH2043	LFTN must be TN with the same customer number.
SCH2044	LUC not permitted for DTI loops.
SCH2045	Wrong number of input fields.
SCH2046	Departmental LDN out-of-range.
SCH2047	Invalid input. Attendant number is either out-of-range or an invalid input was encountered.
SCH2048	Unable to match input with stored mnemonics.
SCH2049	Cannot add existing attendant or delete non-existing attendant.
SCH2050	Outing an existing DND group is not allowed unless the GND key is deactivated on the attendant console.
SCH2051	Unable to match input field with stored mnemonics for prompt CNVT.
SCH2052	ESN digit manipulation index out-of-range (0-255).
SCH2053	ESN digit manipulation table does not exist.
SCH2054	ESN data block does not exist.
SCH2055	Wrong number of input fields for prompt ATDN.
SCH2056	Only FDN is allowed for 500 telephone.
SCH2057	WTA not allowed for CLS DTA.
SCH2058	Null input not allowed for prompt NEW.
SCH2059	Wrong number of input fields for prompt MTN.
SCH2060	Release 8 L MSI configured in SCC FN. Prompt incoming default not allowed.

SCH2061	Too many ranges defined for this location code (20 ranges maximum).
SCH2062	Overlapping or duplication of ranges.
SCH2063	XRA or XFA not allowed when CLS = MNL.
SCH2064	The desired key is already defined. **Action:** Only one CSD is allowed for each set.
SCH2065	PBX ring option conflicts with group option.
SCH2066	Wrong key number to TAD.
SCH2067	The Call Park option must be allowed (CPA) in CDB.
SCH2070	Cannot OUT customer when ESN, NCTL or AUTH blocks still exist.
SCH2071	Cannot OUT customer when ACD still exist.
SCH2072	Cannot OUT customer when DISA blocks still exist.
SCH2073	Cannot OUT customer when Call Park blocks still exist.
SCH2074	Input AOS for CLS = ignored when command is NEW.
SCH2075	EFD allowed only with CFTA COS.
SCH2076	EHT allowed only with CFTA COS.
SCH2077	Unable to match input with mnemonics.
SCH2078	CFCT not allowed.
SCH2079	BGD user type cannot coexist with ACD, APL, CDL, CMC, CMS, HSL, LSL.
SCH2080	BGD customer number must be specified for BGD or PMS Link device.
SCH2081	BGD/PMSI package not equipped.
SCH2082	PMS user type can coexist with BGD only.
SCH2083	SFA must have FNA and MWD specified.
SCH2084	SFA not defined.
SCH2085	CPND cannot exist with DTA on.

SCH2086	SFA not defined.
SCH2087	SFA not allowed.
SCH2088	ACD-DNIS package is restricted.
SCH2089	APL number expected when LINK = YES.
SCH2090	Customer option cannot be changed to DNX with DNIS routes defined.
SCH2091	Digit insertion not allowed for this DNIS route.
SCH2092	DNIS routes cannot be configured with CHG request.
SCH2093	Not a valid APL. Define in the Configuration Record.
SCH2094	APL package not equipped.
SCH2095	NO not allowed for AUTO with DNIS route defined.
SCH2097	DN must be ACD DN when trunk is a DNIS route.
SCH2098	TDET package is restricted.
SCH2099	Multi Party Operation (MPO) Blind Transfer Allowed (MBXA) must have Call Transfer Allowed (XFA) or Three Party Service Allowed (TSA) Class of Service defined. Six Party Conference (C6A) must have Call Transfer Allowed (XFA) Class of Service defined. Permanent Hold (PHD) feature must have Call Transfer Allowed (XFA) Class of Service defined.
SCH2100	Only one input field allowed.
SCH2101	MXLN cannot be reduced once defined.
SCH2102	CPND data block does not exist.
SCH2103	Invalid command for stand alone CPND.
SCH2104	Response to TYPE must be NAME.
SCH2105	CPND data block already exists.
SCH2106	Invalid CPND configuration.
SCH2107	Cannot change CPND configuration.

SCH2108	MXLN out-of-range (5-27).
SCH2109	Only YES or NO allowed.
SCH2110	Response to STAL must be YES with BGD package.
SCH2111	DFLN out-of-range.
SCH2112	Cannot remove CPND data block while names exist for DN.
SCH2113	Cannot remove CPND data base while names exist.
SCH2114	Invalid response to DIG.
SCH2115	CPND name does not exist.
SCH2116	CPND name already exists.
SCH2117	Invalid character for Name. If the NAME prompt will not accept any characters and PKG 211 is configured, verify that the input terminal is configured to send 8 bit characters.
SCH2118	Too many input characters.
SCH2119	Invalid response to DN.
SCH2120	Digit display cannot be removed because RMK/MRK key configured.
SCH2121	Invalid input to MR prompt.
SCH2122	PSP/PIP CLS only allowed for loop start trunks with disconnect super.
SCH2123	MRA/MRD not allowed unless Message Registration (MR) package is enabled. PSP is mutually exclusive with JCO/LST.
SCH2124	MRK key must be assigned to a key/lamp pair.
SCH2125	MRK key set must have digit display assigned.
SCH2126	Manual and Hot Line telephones can have LLCN COS only.
SCH2127	XPLN out-of-range; from entered Name's length to MXLN.
SCH2128	TOFT value must be from 2 to 1800 at OVDN prompt.
SCH2129	All ACD DNs specified for OVDN must be unique.

SCH2130 dn — ACD DN cannot answer TOF calls for this source ACD DN because it already services 6 source ACD DNs. dn = target ACD DN.

SCH2131 dn — When deleting the Target ACD DN (dn) from a source with TOFT defined, could not find the source TOF queue address within the target's unprotected block. Possible data corruption which may result in BUG688 and source TOF calls not terminating to target agents.

Action: Manual INIT. or run Audit recommended. If this persists, inform operating company.

SCH2132 — Prior to Release 16, PSP CLS is mutually exclusive with LST and JCO CLS. For Release 16 and later, PSP CLS is mutually exclusive with JDID and JCO CLS.

SCH2133 — Cannot use X to delete EFD/EHT. Consult your user manual.

SCH2134 — SFA requires FNA and MWD COS.

SCH2135 — Power down and power up, or enable, or service change the M2317 telephone that is using this speed/system call list after this Speed Call List is changed.

SCH2137 — Wrong set type, cannot assign maintenance set class.

SCH2138 — This is a data set TN. It cannot have MTC class.

SCH2139 — DN assignment not allowed on this key.

SCH2140 — Must set or change the SID value when the IFC or NSF of the route is changed.

SCH2141 — Max value must be specified when the NSF or IFC or the route is changed.

SCH2142 — Priority is out-of-range. The Range is from 1 to the Maximum Priority for the ACD-DN of the defined agent.

SCH2143 — DNIS route must either auto-terminate or IDC.

SCH2501 — An attempt was made to change a telephone that is in the process of relocating.

SCH2502 — A request other than NEW or OUT was used in conjunction with type CARD.

SCH2503 — An attempt was made to service change a telephone that SET-RELOCATE was working on.

SCH2504 — An invalid TN was entered when adding or removing a card.

SCH2505 — An attempt was made to remove a card that has equipped units.

SCH2506	An attempt was made to change a set that belongs to a different customer.
SCH2507	An attempt was made to change a set that is busy.
SCH2508	ALOW or DENY was expected as an input but was not received.
SCH2509	An invalid Prime DN has been entered. It is not unique or is not a Prime DN.
SCH2510	Attendant Administration Package is not equipped.
SCH2511	History File feature package restricted.
SCH2512	Not enough PDS to allocate History File of requested size. Followed by (allocated size) and (requested size).
SCH2513	Invalid user for History File.
SCH2514	History, traffic or TTY file is empty.
SCH2515	No new messages added to History File since last printout.
SCH2517	Attendant Overflow Position package restricted.
SCH2521	Not enough digits entered.
SCH2522	Invalid entry for prompt CFW (not DENY or CFW).
SCH2523	Invalid entry for prompt SPC (not DENY, SCC, or SCU).
SCH2524	An attempt was made to assign an ACD or MC key to an SL-1 set.
SCH2525	Mini-CDR package is not equipped.
SCH3000	IMS package not equipped.
SCH3001	LTN table pointer not defined. Data corrupted.
SCH3002	APL user cannot share TTY. APL user already defined.
SCH3003	APL user cannot share TTY. Other user already defined.
SCH3004	Cannot remove APL TTY without first removing all users using this TTY.
SCH3005	All APL TTY devices must be disabled first.
SCH3006	The APL TTY is not defined in Configuration Record
SCH3007	The APL TTY is already defined.

SCH3008	The APL TTY is out-of-range (0-15).
SCH3009	The APL TTY is previously removed.
SCH3010	Invalid APL link.
SCH3011	Response of NO not allowed. IMA, UST, or UMG is active.
SCH3012	The APL TTY is out-of-range (0-15).
SCH3013	The APL link is shared by other user.
SCH3014	The specified APL is not defined in customer data block.
SCH3015	Caution: This command will remove all UST key users using this ACD (use ODAS to print all UST key users). If no UST key users, ignore the error message.
SCH3016	Telephone message timer (UMT) is out-of-range (2-15).
SCH3017	Response NO not allowed. IMS option is defined.
SCH3018	If any of the IMA, UST or UMG features are ON, then the CSL option (CMS) may not be changed.
SCH3019	Trunk CLS must be MFR if the trunk is a member of the CAMA route using Bell M2B signaling.
SCH3020	IMA Class of Service is not allowed for this customer.
SCH3021	Carriage return in LTN field with APL link undefined.
SCH3022	TN number is already defined.
SCH3023	LTN number is out-of-range (1-253).
SCH3024	LTN link number is not defined in customer data block.
SCH3025	IMA Class of Service requires key 0 to be an ACD key.
SCH3026	UST key desired, but UST is restricted.
SCH3027	UST key desired, but UST ALLOWED bit not set in CDB.
SCH3028	All members of the CAMA Route using Bell Signaling M2B need to have MFR Class of Service.
SCH3030	Only Digitone sending/receiving allowed with ESN signaling arrangement.

SCH3031	Trunk members must have Digitone sending/receiving.
SCH3032	Invalid TN in trunk route trunk list.
SCH3033	Wrong number of input fields for prompt FDN.
SCH3034	Flexible DN conflicts with existing DN.
SCH3035	Invalid DN type for CFNA DN.
SCH3036	Cannot remove IMS with IMA UST or UMG allowed.
SCH3037	Cannot remove IMA with APL defined.
SCH3038	Cannot remove UST with APL defined.
SCH3039	Cannot remove UMG with APL defined.
SCH3040	Cannot remove APL with user defined in ACD block.
SCH3041	Cannot remove MCX with IMA, UST, or UMG allowed.
SCH3042	MCI option not enabled.
SCH3044	CLS IMA defined requires that the IMA option in ACD block be defined.
SCH3045	LTN link is not the same as APL defined in this ACD block.
SCH3046	UST key desired, but FDN, or HUNT is not an ACD DN.
SCH3047	UST key desired, but UST not allowed in ACD block.
SCH3048	UST key desired, but APL link not defined in ACD block.
SCH3049	Key type already defined on this telephone. More than one key of this type per telephone not permitted.
SCH3050	MWD is invalid when telephone has MWK/XMWK/RMWK assigned. **Action:** Delete MWK/XMWK/RMWK keys before changing the CLS option to MWD.
SCH3051	Repeat command not allowed for music trunks.
SCH3052	Existing card type conflicts with this overlay program.
SCH3053	Wrong set type to assign this Class of Service.

SCH3054 Wrong set type to assign this key mnemonic.

Action: The CSD key is only applicable to Aries sets with display.

SCH3055 The Digital telephone package is not equipped.

SCH3056 Hot line package not equipped.

SCH3057 DN length does not match the given DN. Too many digits.

Action: Enter ADL/CFW DN with configured ADL/CFW DN length size.

SCH3058 Wrong number of input fields.

SCH3059 DN length out-of-range (1-31).

Action: Enter DN length of 1 -31 digits.

SCH3060 Class of Service must be MNL.

SCH3061 This feature not allowed for Hot Lines.

SCH3062 Invalid Hot Line DN.

SCH3067 Signal destination timer is out-of-range (384-2048).

SCH3069 Last preference key number is out-of-range.

SCH3070 Line selection package is not equipped.

SCH3071 A restart is caused if anything other than YES or {CR} is entered.

SCH3072 Deluxe Hold package is not equipped.

SCH3073 LFTN customer conflicts with customer to be changed.

SCH3074 Outgoing start arr. is not equal to incoming start arr.

SCH3075 A list number of this type does not exist.

SCH3080 Hot Line lists need to be defined in LD 18.

SCH3081 Hot Line list length out-of-range.

SCH3082 Flexible Hot Line not allowed by list entry method.

SCH3083 Invalid DN; already assigned to non-enhanced Hot Line set.

SCH3085 Hot Line list number mismatch.

SCH3086 List already defined as Hot Line list.

SCH3087 Set has EHTA COS; need to define Hot Line at FTR.

SCH3088 Conflict with EHTA COS; telephone has either LNA, LLC1, LLC2, LLC3, MNL, or Permanent Hold features enabled.

SCH3089 EHTD not allowed. DN is shared with another defined Hot Line set.

Action: User must OUT and re-create the telephone.

SCH3090 DN already defined as Enhanced Hot Line or two-way Hot Line key.

SCH3091 Illegal digit for list entry.

SCH3106 Unable to match input with stored mnemonics (trunk group option ESN.

SCH3107 Only WNK start allowed with ESN signaling arrangement.

SCH3108 Trunk group has non-wink-start members. Trunk arrangement must be wink start for ESN.

SCH3109 Duplicate Routing Controls key assigned to attendant console.

SCH3110 Speed Call List does not exist.

SCH3111 Wrong number of input fields for RNGE.

SCH3112 Attempted to assign a System Speed Call List number to a Speed Call List key or attempted to assign a Speed Call List number to a System Speed Call key.

SCH3113 Low or high range must not exceed number of valid entries.

SCH3114 Answer and disconnect supervision required for ESN proprietary signaling.

SCH3115 Trunk does not have answer and disconnect supervision.

SCH3116 Expensive route cannot be assigned to an ESN trunk group.

SCH3117 Cannot configure any odd loop adjacent to an even service loop in the same card slot.

SCH3118 Service loops must be even numbered loops.

SCH3119 Cannot configure even service loops adjacent to another odd loop in the same card slot.

SCH3120 Extender group number not in range 0-4.

SCH3121 No logical TN (LTN) can be found.

SCH3122 The number of ACD Agents requested exceeds the number of positions left for this group.

SCH3123 The Source TN cannot be a Dial Intercom set.

SCH3124 The Source TNs Data DN key is not copied.

SCH3125 CLS = MWD is not valid when the set has UST assigned.

SCH3126 You cannot assign more than two (2) AST keys on a single SL-1 set.

SCH3127 Invalid AST key type. Only MCR, MCN, SCR and SCn key are supported.

SCH3128 Two (2) AST keys are defined for the same DN on this SL-1 set.

SCH3129 This DN already has AST assigned.

SCH3130 VASID may not be defaulted for DNIS or CCR.

SCH3135 The ACD NSVC key already exists for this ACD-DN.

SCH3136 NIGHT DN: define the associated minute with the hour defined.

SCH3137 NIGHT DN: define the associated hour with the Night DN defined.

SCH3138 Night service times are not in ascending order.

SCH3139 Cannot copy a digital voice TN to a digital data TN. Also, you cannot copy a digital data TN to a digital voice TN.

SCH3140 Set-type of the new TN does not match with the set-type of the corresponding voice/data TN.

SCH3141 Customer number of the new TN does not match the customer number for the corresponding voice/data TN.

SCH3142 Tree digits input are invalid.

Action: Re-input the proper and valid tree digits.

SCH3146 Trunk type of a route cannot be changed.

SCH3147 Primary Rate Access (PRA) package not equipped.

SCH3148 ISDN Signaling Link (ISL) package not equipped.

SCH3149 Neither ESL, PRA nor PRA2 package not equipped.

SCH3150 A value between 1-382 must be entered for all shared and ESL D-channels. {CR} not allowed for new ESL.

SCH3151 The ISL trunk still exists. Changing mode; decreasing the ISLM below the existing CHIDs or removing DCHI is not allowed.

SCH3152 Mode or DCHI change is only allowed if trunks have been removed.

SCH3153 No default allowed.

SCH3154 Route mode does not match DCHI user in the Configuration Editor.

SCH3155 Maximum number of PNI are already assigned.

SCH3156 PNI is assigned to a different customer.

SCH3157 Primary Rate Interface (PRI) hardware is required.

SCH3158 ISDN B-channel trunk parameters cannot be changed when the trunk is busy.

SCH3159 Wrong number of input fields for CHID.

SCH3160 CHID is out-of-range.

Action: Check ISL MAX in the Configuration Record.

SCH3161 IFC type of D250 or ESS4 requires IEC package.

SCH3162 In LD 14 a duplicate CHID has been entered. This CHID already exists.

SCH3170 ISA must be selected with PRI loops only.

SCH3171 IFC for ISA route must be changed to ESS4 first and then the IFC for the service route can be changed to ESS4.

SCH3172 D-CH block pointer is NIL.

SCH3173 Must provide COT route number.

SCH3174 ISA route can be deleted if ISDN service routes do not step to it.

SCH3175 Warning: IFC for service route does not match IFC for route. Changing IFC between ESS4/ESS5 and D100/D250/S100/SL1 is not allowed.

SCH3176 Only one service route with a specific service type can be assigned to an ISA route (IFC = ESS4).

SCH3177	SID value must be unique.
SCH3178	If a CO route exists, enter route number for prompt COTR. If a WATS route exists, enter route number for prompt WATR. If a TIE route exists, enter route number for prompt TIER. Otherwise, the ISA route is inoperative and overflow tone is given.
SCH3179	Trunk(s) cannot be removed if the remaining number of trunks are less than the sum of the minimum number of reserved trunks.
SCH3180	The MAX value exceeds the number of trunks configured for the ISA route.
SCH3181	Zero (0) is not allowed for IEC.
SCH3182	B-channel(s) on a PRI loop must be moved to a PRI loop configured with a D-channel.
SCH3183	Incorrect number of digits entered.
SCH3184	At least one route is using this block; FGNO of that route must be changed before removing FGD block. A list of routes using this block is printed.
SCH3185	Too many Service Access Codes (maximum is 8).
SCH3186	Information digit (II) numbers are not in ascending order.
SCH3187	There are spaces in the Information digits (II) table.
SCH3188	Up to 255 MFR units may be defined.
SCH3190	FGD package is not equipped.
SCH3191	Wrong input parameters.
SCH3192	DN is assigned to another function.
SCH3193	DN is assigned to a different test line.
SCH3194	The DN for the associated Loop Reference trunk is not assigned. Printed in response to TST DN.
SCH3195	Directory number conflict of input parameters.
SCH3196	Not enough memory available.
SCH3197	Mini-CDR tape + History File and number of TTYs is greater than 16.

SCH3198	STRI and STRO must be WNK for FGDT trunks.
SCH3199	FGDT and M911 trunks must have MFR COS.
SCH3200	FGNO out-of-range.
SCH3201	Specified FGD block has not been defined.
SCH3202	MOV is invalid for TYPE FGDB or ANI.
SCH3203	PRT is invalid for TYPE CRB.
SCH3204	Requested FGD block does not exist.
SCH3205	Music trunk does not exist.
SCH3206	Call Park package not equipped.
SCH3207	Call Park not activated for the customer.
SCH3208	Call Park data block already exists.
SCH3209	Call Park data block does not exist.
SCH3210	System park DN input not allowed.
SCH3211	FDN not allowed unless COS is FNA or MWA.
SCH3212	Loop assignment exceeds system loop limit (Flexible Pricing).
SCH3213	Warning: STOR again.
SCH3214	IMM response forced for STAR if DN exist for ATDN or MNDN.
SCH3215	If AUTO is set and TKTP is TIE, SIG cannot be ESN3.
SCH3216	CDL package is not equipped.
SCH3218	ISA package is restricted.
SCH3219	PRI mode cannot be changed when associated with DCHI.
SCH3220	No toll digits are specified for outgoing toll calls.
SCH3221	Unable to match input with mnemonic (for density).
SCH3222	Card density greater than loop density.

SCH3223	Card density too low for entered unit number.
SCH3224	New card density too low for configured units.
SCH3225	Entered density greater then MPED.
SCH3226	New MPED value lower then configured loop density.
SCH3227	R2/MFC signaling (MFC) required to have CNA Class of Service.
SCH3228	CNA or CND Class of Service allowed only for DID trunks.
SCH3229	New MPED value lower than default card densities.
SCH3230	Default card density greater than the loop density.
SCH3231	Odd numbered DTR units not supported.
SCH3232	Unit number in response to TOTN higher than card density.
SCH3233	Card densities on source loop incompatible with destination loop.
SCH3234	Equipped shelf numbers on source loop incompatible with destination loop.
SCH3235	An attempt was made to increment the max tn(s).
SCH3236	FFC block already exists.
SCH3237	FFC block does not exist.
SCH3238	FFC package unequipped.
SCH3239	Invalid password.
SCH3240	Entry out-of-range.
SCH3241	External source number out-of-range.
SCH3242	Invalid FFC mnemonic.
SCH3243	64K clear can be selected only when LCMT is B8S.
SCH3244	DTD package not equipped.
SCH3245	Minimum DTD delay out-of-range.
SCH3246	Parameter out-of-range (0-15).

SCH3247	Null input not accepted.
SCH3248	Entry should be 0 or 1.
SCH3249	Dial tone not specified.
SCH3250	Input field is greater than 4.
SCH3251	Announcement package not equipped.
SCH3252	Input out-of-range (0-15 for internal) (0-7 for external).
SCH3253	Invalid tone or source number.
SCH3254	Loop number not associated with DCHI number/BCHI number.
SCH3255	Analog route cannot be PRA.
SCH3256	Yellow alarm was changed to DG2 because the frame format was changed to other than ESF.
SCH3257	Cannot configure DCH when the other port on the card is not configured as TTY
SCH3258	Loop number must be given with the sequence number.
SCH3259	Loop can be removed only when none of its channels are configured for B-channel signaling.
SCH3260	The TTY Port must be configured ASYNC when the other port on the same card is a DCHI or BCHI.
SCH3261	BCHI must have different value from DCHI.
SCH3262	There is at least one ISDN route. PRA = NO is not allowed.
SCH3263	HNPA, HLOC, and HNXX must be given for new customer.
SCH3264	Radio paging system does not exist.
SCH3265	Radio paging block already exists.
SCH3266	Not a Radio paging system route.
SCH3267	STEP to ISA route is not allowed.
SCH3268	PSA length out-of-range, (1-4).

SCH3269 Mode digit out-of-range, (0-9).

SCH3270 Radio paging system number out-of-range (0-15).

SCH3271 DN out-of-range.

SCH3272 PSA out-of-range.

SCH3273 Invalid system type for CO trunk.

SCH3274 Radio Paging data must be removed before changing system type.

SCH3275 Higher station group number exists.

SCH3276 SGRP out-of-range (1-127).

SCH3277 Out-of-range (1 to MAXN).

SCH3278 MAX cannot be reduced below existing PRXL/GRNO number.

SCH3279 PRXL table/entry already exists.

SCH3280 PRXL table does not exist.

SCH3281 Pretranslation package restricted.

SCH3282 Input number out-of-range (0-9).

SCH3283 Input must be 0-9999, or ABS, OVF, X.

SCH3284 Pretranslation table size must be either 10 or 100.

SCH3285 Pretranslation data of this customer does not exist.

SCH3286 Indices x1-x9 of XLTI, x not allowed.

SCH3287 Invalid command; must be one of NEW/CHG/OUT/END.

SCH3288 Trunk TYPE = not allowed with PRI loop.

SCH3289 PRI loop can be moved to PRI loop only.

SCH3290 Invalid maximum PE density keyword.

SCH3291 Attempted to configure PE as being SD while some DD terminals still exist.

SCH3292 Invalid card density keyword.

SCH3293	Card density is higher than ICCP density.
SCH3294	Entered card density is too low for the new unit.
SCH3295	Attempted to lower card density while upper units were still equipped.
SCH3296	Card is already equipped.
SCH3297	Card is not equipped.
SCH3298	Card density is higher than maximum PE density.
SCH3299	Change is not allowed for single density loop at card level.
SCH3300	The DN or Position ID is invalid, it must be unique.
SCH3301	The conditions for entering this item have not been met.
SCH3302	Copy count is out-of-range.
SCH3303	Cannot copy the TN to a DLI loop.
SCH3304	Last Hunt key number is out-of-range.
SCH3305	The Source TN cannot be a Virtual Agent.
SCH3306	The Source TN cannot be an ACD Supervisor.
SCH3307	CLS = IMA, but there is no LTN or APL defined.
SCH3308	Cannot copy to a relocating set TN.
SCH3309	CLS = TENA, but there is no tenant number defined.
SCH3310	Must have MWA for UST key operation.
SCH3400	Digital loop mode may not be defaulted when configuring a new loop.
SCH3401	Data calls and frame format fields ignored for DLI loops (digital loops in the link mode).
SCH3402	The DLI loop may not be removed if still defined for a VAS (PTE).
SCH3403	There is no protected DLI loop block for DLI loop N.
SCH3404	There are no defined VAS servers (PTE).
SCH3405	VAS server (PTE) already defined.

SCH3406 VAS server (PTE) is not defined.

SCH3407 The VAS server (PTE) may not be removed when CSL links are still defined for that VAS (PTE).

Action: To remove a CSL link, enter: X before the CSL link number, to the CMS sub-prompt of the VAS (PTE) prompt.

SCH3408 Loop type must be DLI (digital loop in the link mode).

SCH3409 DLI loop must be disabled when adding to VAS server (PTE).

SCH3410 Maximum CSL links that may be defined for a VAS (PTE) has already been reached.

SCH3411 CSL link exists and belongs to a different VAS server (PTE).

SCH3412 DLI loop is assigned to a different VAS server (PTE).

SCH3413 All DLI loops assigned to a VAS server (PTE) must be disabled before the VAS server (PTE) can be removed.

SCH3414 Port number must correspond to a synchronous ESDI port, defined as ESDI YES and SYNC YES under the ADAN TTY prompt.

SCH3415 CSL link must be disabled before modifications can be made.

SCH3416 Both the CSL Basic and DTI packages must be equipped for the CMSA Class of Service.

SCH3417 Class of Service of CMSA is not accepted if class is not also DTA.

SCH3418 Station category number out of acceptable range (0-7).

SCH3419 CSL is not defined for this VAS server (PTE).

SCH3420 CSL configuration type may not be defaulted when adding a new CSL link.

SCH3421 ESDI must be disabled before CSL can be configured.

SCH3422 To remove a CSL ESDI port

1. set prompt CMS to Xx (remove port x)
2. set prompt VAS to OUT
3. set prompt VSID to x (remove port x)

SCH3423 CSL Basic package is not equipped.

SCH3424	Port must be defined as a CSL user (USER CMS under ADAN TTY prompt).
SCH3425	CSL user may not be removed if CSL link is still defined (CMS under VAS (PTE) prompt).
SCH3426	Device must be disabled to permit CSL user change.
SCH3427	CSL N cannot be configured, not enough unprotected memory.
SCH3428	Device type must be TTY for CSL user.
SCH3429	LINK mode is accepted only if both the DTI and the CSL Basic packages are equipped.
SCH3430	CSL cannot use an asynchronous port.
SCH3431	The loop does not exist.
SCH3434	Invalid TN (DLI channel TN or maintenance TN x 0 9 0).
SCH3436	TN corresponds to an M4020 terminal.
SCH3437	Wrong number of input fields for prompt CTN (should be: module shelf card port).
SCH3438	CTN module out-of-range (0-31).
SCH3439	CTN shelf out-of-range (0-11).
SCH3440	CTN card out-of-range (0-15).
SCH3441	CTN port out-of-range (0-63).
SCH3442	CTN could not be stored.
SCH3444	4020 is not allowed for LUU.
SCH3445	Cannot remove an SADM/Data Line Card TN while it is still defined for an indirect CSL link.
SCH3446	Default SADM/data line card or DLI loop is not allowed for new indirect CSL.
SCH3447	SADM/data line card entered is not in SL-1 data base.
SCH3448	SADM/data line card is already assigned to a different indirect CSL.
SCH3449	TN does not have CMSA Class of Service.

SCH3450	TTY N - ESDI port N cannot be configured because a maintenance Call Register could not be allocated.
SCH3451	TTY N M - The paired ports shown must be either both ESDI or both non-ESDI.
SCH3452	Cannot remove DLI loop when defined for an indirect CSL.
SCH3453	DLI loop entered is already assigned to a different indirect CSL.
SCH3455	VAS ID out-of-range (0-15).
SCH3456	VAS ID may not be defaulted for new data service access code.
SCH3457	Overflow DN for data service access code must be data service access code.
SCH3458	Cannot remove IS/data services option before data service DNs and their access codes are removed.
SCH3459	Cannot remove data service access option if agents are still defined for this ACD DN.
SCH3460	Ring Again for internal calls must be YES for data service access code.
SCH3461	Call forcing option must be NO for data service access code.
SCH3462	Data services customer option is not set (OPT DSI in LD 15).
SCH3463	If class is DSI, class must also be DTA.
SCH3464	TYPE must be SL-1.
SCH3465	Cannot remove customer block before IS/data service DNs are removed.
SCH3466	Data service access code may not be a message center.
SCH3467	If class is DSI, then key 0 must be an in-calls key for an ACD DN of a Data service access group (DSAC YES in LD 23).
SCH3468	If key 0 is an in-calls key for an ACD DN of a data service access group, then class must be DSI.
SCH3469	Data services customer option is not turned on (OPT DSI in LD 15).
SCH3470	The DLI loop must be assigned to a VAS Server (PTE) (in LD 17, DLOP under VAS prompt).

SCH3475 Not enough Call Registers to send the CSL DATA message to the server (PTE). This means that the server (PTE) was not notified of the data base change or validation request.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN (if in LD 11), or DN (if in LD 23) (OUT) and adding it back in (NEW), or

2. running Audit.

SCH3476 No active CSL link was found for the VAS Server (PTE) to which the M4020 terminal access TN or access code is assigned. If an M4020 terminal is being service changed, then this is the VAS server (PTE) to which the DLI loop of the M4020 terminal voice TN is assigned (DLOP under VAS prompt in LD 17). If an access code or TN is being service changed, then this is the VAS server (PTE) to which the access code is assigned (VSID in LD 23).

This means that the server (PTE) was not notified of the data base change or validation request.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN (if in LD 11) or DN (if in LD 23) (OUT) and adding it back in (NEW)

2. running Audit.

SCH3477 The CSL DATA message could not be sent to the VAS Server (PTE) for unspecified reasons.

Action: Try removing the data and adding it back in, or running Audit LD 44.

SCH3483 TNs on a DLI loop must be one of a data service access TN (TYPE of SL-1 and CLS of DSI) or a VMS access TN (TYPE of SL-1 and CLS of VMA).

SCH3484 No response was received from the VAS Server (PTE) for the CSL DATA message sent. This could mean that the server (PTE) was not notified of the data base change or validation request.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN (if in LD 11) or DN (if in LD 23) (OUT) and adding it back in (NEW), or

2. running Audit

SCH3485 Class of Service of DTA is not allowed for the M4020 voice TN. These Classes of Service belong to the M4020 terminal voice TN.

SCH3486 If Key 0 is an in-calls key for an ACD DN of a VMS access group, then Class of Service must be VMA.

SCH3487 If Class of Service is VMA, then key 0 must be an in-calls key for an ACD DN of a VMS access group.

SCH3492 Cannot remove the primary data service access code option if there are agents still defined for the DN.

SCH3493 A primary data service access code may not be used as an overflow DN.

SCH3494 Cannot change the VAS ID for a primary data service access code or VMS access code with agents still defined for the DN.

SCH3496 The data service or primary data service access code option may not be removed if the ACD DN is defined as the primary access code for a data service DN.

SCH3497 An overflow DN for a primary data service access code must belong to the same VAS server (PTE) as the primary access code.

SCH3498 The data service access option or the primary data service access option may not be set if there agents still defined for the existing ACD DN.

SCH3499 A data service access code may not be an overflow DN for a DN that is not also a data service access code.

SCH3500 ATM package not equipped on this system.

SCH3501 ATM data block already exists.

SCH3502 ATM data block does not exist.

SCH3503 This route TYPE is 3515 not allowed for ATM testing.

SCH3504 Cannot out ATM, route still scheduled for ATM.

SCH3505 Number of DN digits exceeds 10.

SCH3506 ATM DN must be two or more digits long.

SCH3507 PAD value out-of-range.

SCH3508 LOSS value out-of-range.

SCH3509 NOISE limit out-of-range.

SCH3510 PERCENT out-of-range.

SCH3511 ATM SCHEDULE block does not exist.

SCH3512 ATM SCHEDULE block already exists.

SCH3513 Customer has no SCH data for this hour, use NEW to create SCH data for this customer.

SCH3514 Customer already has SCH data for this hour.

Action: Use CHG to change SCH data or OUT to delete customer's SCH data from given hour.

SCH3515 Cannot OUT RDB; ATM data still associated with RDB.

SCH3516 Hour for SCH data is out-of-range.

SCH3517 Out of service limit is less than maintenance limit.

SCH3518 MXTI value is out-of-range.

SCH3519 DN Digit out-of-range.

SCH3520 ATM cannot be performed on this route because FEDC is equal to FEC.

SCH3521 SCI package is not provided.

SCH3522 CCOS package is not implemented.

SCH3523 DN specified is not BCS or PBX DN.

SCH3524 Invalid CCOS restriction level.

SCH3525 SCH data is deleted during memory transfers.

SCH3526 This route has not been scheduled for ATM test.

SCH3527 This route has already been scheduled for ATM test.

SCH3528 ATM Schedule data does not exist for this hour.

SCH3530 Pad Value must be input (0-63 dB).

SCH3531 DN must be input.

SCH3532 Loss value must be input (0-15 dB).

SCH3533 Noise value must be input (27-90 dBrn).

SCH3534 lll ch, B-channel ch of loop lll can be removed when it is idle. ISL channels need to be idled also.

SCH3545 Threshold set is already deleted.

SCH3546 Cannot remove TSET until all DTI/DLIs assigned to it are removed.

SCH3547 The VAS ID of a data service access code that is defined as the primary access code for a data service DN may not be changed.

SCH3548 If Class of Service is VMA, class must also be VCE.

SCH3549 Server cannot remove access code. It still has agents defined.

SCH3550 VAS Server (PTE) cannot add the access TN because it already exists in the Server (PTE) data base. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN and adding it back in, or

2. running Audit.

SCH3551 VAS Server (PTE) cannot remove the access TN because the access TN does not exist in the Server (PTE) data base. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. adding the TN and then removing it, or

2. running Audit.

SCH3552 VAS Server (PTE) cannot add the access code because it already exists in the Server (PTE) data base. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the DN and adding it back in, or

2. running Audit.

SCH3553 VAS Server (PTE) cannot remove the access code because it does not exist in the Server (PTE) data base. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try running Audit.

SCH3554 Server cannot add/remove the voice/data access code because it is a data/voice access code.

SCH3555 VAS Server (PTE) cannot remove the access TN because it is not in the Server (PTE) list of TNs belonging to the specified access code. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. adding the TN back in and then removing it, or

2. running Audit.

SCH3556 VAS Server (PTE) cannot add the access code (if in LD 23) or the access TN (if in LD 11) because the disk save failed. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN (if in LD 11) or DN (if in LD 23) (OUT) and adding it back in (NEW), or

2. running Audit.

SCH3557 VAS Server (PTE) cannot remove the access code (if in LD 23) or the access TN (if in LD 11) because the disk delete failed. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. adding the TN back in (if in LD 11) or DN (if in LD 23) (OUT) and then removing it (NEW), or

2. running Audit.

SCH3558 SCD DB LD 73 - No DTI threshold set defined.

SCH3559 TRSH may not be defaulted when configuring a new digital loop.

SCH3560 The threshold set is not defined.

SCH3561 If Class of Service is VMA, class must also be IMA.

SCH3562 If Class of Service is IMA, class must also be VCE.

SCH3566 The VMS option (CMS, IMA and IVMS = YES) may not be removed if agents are still defined for this DN.

SCH3567 An existing ACD DN may not be set up as a VMS access code (CMS, IMA, and IVMS = YES) if agents are still defined for that DN.

SCH3568 The TN defined as the SADM TN for the indirect CSL (CLS = CMSA) must be a normal SL-1 set TN (i.e., it cannot be a digital set or a virtual TN; e.g. TYPE cannot be 4020, CLS = DSI or VMA)

SCH3570 The VAS ID of the Server (PTE) for which the access code is defined (VSID prompt for either the data service or VMS access code in LD 23) must match the VAS ID of the Server (PTE) for which the access TN is defined (i.e., the VAS Server (PTE) for which the DLI loop is defined — DLOP under the VAS prompt in LD 17).

SCH3571 The TN defined as the SADM TN for the indirect CSL (CLS = CMSA), must not be a virtual TN on a DLI loop.

SCH3572 IMA may not be turned off if the CSL option is set (CMS = YES) and there are agents defined for this ACD DN. This is because agents require a special Class of Service for IMA.

SCH3574 If a DLI loop is specified, then TYPE must be TNB (for LUU).

SCH3575 Invalid CONFIRM return code.

SCH3576 The server has software error. Cannot complete the service change.

SCH3577 The server has data base error. Cannot complete the service change.

SCH3579 OPR trunk members not on private line routes, must have DTN COS.

SCH3580 To be OPR allowed, all members must have DTN COS.

SCH3581 ICDR package required.

SCH3582 SLP package not equipped.

SCH3583 PRMA requires WTA COS.

SCH3584 PHTA requires HTA COS.

SCH3585 PHTA/PCWA require PRMA COS.

SCH3586 Invalid CPAS DN.

SCH3587 MCT package not equipped.

SCH3588 ACD stations not allowed MCTA COS with X11 Release 18 and earlier.

SCH3589	TRC key is not allowed when telephone is MCTD.
SCH3590	LLC package not equipped.
SCH3591	Only digits 0-9 considered as valid input for the digit count field.
SCH3592	XFA required for MCTA.
SCH3593	OVFL not allowed for PFAN/PFNA.
SCH3594	PRMA not allowed on ACD sets.
SCH3595	PCWA COS requires Call Waiting (CWT) key.
SCH3596	This list number was not assigned to this PBX set.
SCH3597	Cannot move an ACD DN with calls store in the queue.
SCH3600	If class is “VMA”, class must also be “VCE”(duplicate of 3548).
SCH3601	Directed Call Pickup not equipped.
SCH3602	Values input are out-of-range. Valid input is 0-8190 for maximum number of SCL allowed for the system.
SCH3603	Value entered is greater than NSCL currently defined.
SCH3604	Cannot allocate memory for SCL header table.
SCH3605	List number entered for SCL is greater than MSCL in the Configuration Record.
SCH3606	SSCL number is out-of-range.
SCH3607	Dialed Name Display cannot exist if CNDA is not configured.
SCH3609	Notification Key Lamp (NKL) already exists for this DN. The set will be configured without it.
SCH3617	Account key already exists for this ACD set.
SCH3618	Non-ACD sets cannot have an Account key.
SCH3619	Account key cannot be assigned to a Virtual Agent.
SCH3620	ACD Account Code package is not enabled.
SCH3621	ACD Package D is not equipped or the agent is not an ICCM acquired

control agent.

SCH3622 Entry is out-of-range.

SCH3623 External source number out-of-range.

SCH3624 Flexible Incoming Tones customer options turned off.

SCH3625 PBX Templates have exceeded 255.

Action: Run the Template Audit program.

SCH3626 The asterisk * and octothorpe # are not allowed for IDC.

Action: Re-enter the characters.

SCH3627 This customer does not have the IDC option enabled.

Action: Use LD 15 to enable IDC for the customer.

SCH3628 An IDC tree exists for this customer, as defined in LD 49.

Action: Delete the IDC Tree.

SCH3629 System Speed Call List number out-of-range.

SCH3630 THF package is not equipped.

SCH3631 THF key and DTA Class of Service are mutually exclusive.

SCH3632 FLH timer out-of-range (256-1536 milliseconds).

SCH3633 THF Class of Service not allowed for this trunk type

SCH3634 Request for deleting IDGT is not in IDC table.

Action: Do PRT to confirm the existence.

SCH3635 Conference Hot Line key can only be one-way (i.e., No DN assigned to key.)
Action: Re-enter a DN.

SCH3636 x y Longer DN's hundreds group conflict with a shorter hundreds group.

Action: Select a new DN group, where x is the conflicting hundreds group; y is the shorter existing hundreds group. See Busy Lamp Field feature requirements in X11 features and services (553-3001-305).

SCH3637 x y A shorter existing DN's hundreds group conflict with a longer hundreds.

Action: Select a new DN group, where x is the conflicting hundreds group; y is

the longer existing hundreds group. See Busy Lamp Field feature requirements in X11 features and services (553-3001-305).

SCH3639 Input expected for Do Not Disturb route.

SCH3640 Private DN conflicts with existing DN.

SCH3641 Cannot step to Private route.

SCH3642 Invalid input for the Agent Observe Tone prompt.

Action: Valid attempts are NO, AGT or ALL. (The default = NO).

SCH3643 NCOS, NFCR and IDC packages must be equipped.

SCH3644 DC feature is not active.

SCH3645 DRC route is out-of-range (0-511).

SCH3646 DRC route does not exist.

SCH3647 DRC route must be DID.

SCH3648 DRC route IDC feature is not active.

SCH3649 DRC route is controlled by a BSC set.

Action: Remove BSC set DRC key that controls the NKDM feature.

SCH3650 Input for the maximum redirection counter value out-of-range (0-5).

SCH3651 Pretranslation block does not exist.

Action: Set up pretranslation data block on LD 18.

SCH3652 The Data Agent Login option = YES. The Virtual Agent option is invalid when DAL = YES.

Action: Respond to DAL prompt with NO.

SCH3653 Pretranslation data block already exists.

SCH3654 Pretranslation data block cannot be removed if PREO = 1.

Action: Set PREO = 0 in LD 15.

SCH3655 MOV command is not allowed.

SCH3656 Pretranslation package is restricted.

Action: Enable pretranslation package.

SCH3657 Must set PREO in LD 15 to have pretranslation block printout.

SCH3658 CS key requires that the Speed call or System Speed Call package is equipped.

SCH3659 Cannot remove CDB if pretranslation block pointer not Nil.

Action: Remove pretranslation data block (LD 18).

SCH3661 An external DN has been entered for the CFW key when CFXD is the Class of Service.

Action: Configure an internal DN for this sets CFW key.

SCH3662 CFXD has been enabled while the set has an external DN configured for the CFW key.

Action: Remove the external CFW DN before setting the CFXD Class of Service.

SCH3663 Another SL-1 set already controls DRC route. New DRC key must control a DID route not currently controlled by a SL-1 set.

SCH3664 Another KEY already controls the same DRC route. Only one DRC key is allowed per DID route.

SCH3665 IDC option was changed from ON to OFF. Route IDC option cannot be turned off because a BSC set controls it (a DRC key has been configured for a set).

Action: Use LD 81 to find and Release the TN with the TRC key. Use LD 11 to NUL the key.

SCH3666 PR12 loop can only be moved to another PRI loop.

SCH3667 International PRA (PRA2) package is not equipped.

SCH3668 Loop number entered is not a PR12 loop.

SCH3669 ABCD applies only if the DT12 package is equipped.

SCH3670 User either tried to configure ISDN on a CCB route or tried to configure CCB on an ISDN route.

Action: Either disable CCB on the route and try configuring ISDN again or set ISDN to NO before setting CCB to YES.

SCH3671 Attempt to out a PRI2 loop from DLOP prompt.

Action: Use a PRI2 prompt to out a PRI2 loop.

SCH3672 Attempt to configure an ISDN route without the customer configured for ISDN, or without DCH configured.

Action: Configure customer with ISDN in LD 15.

SCH3673 Customer IDC option cannot be disabled because SL-1 sets control DID route Day/Night mode.

Action: First NUL all DRC keys on customer SL-1 sets.

SCH3674 Cannot out an MCAD entry.

SCH3675 MCAD entry does not exist.

SCH3676 MCAD entry already exists.

SCH3678 Null MCAD entry is not allowed. MCAD entry 0 is already defined as a continuous tone.

SCH3679 Meridian digital set package not equipped.

SCH3680 AOM input is out-of-range.

SCH3681 Corresponding data TN is defined. Cannot assign key 7, its local program now.

SCH3682 Digit display Class of Service (ADD, DDS) is on. Cannot assign key 7 its local program now.

SCH3683 For 2X16 set, handsfree Class of Service is defined. Cannot assign key 15 as it is now a handsfree key.

SCH3684 The M2006 set does not support Digit Display Class of Service.

SCH3685 The M2008, M2616, and M2216 sets with key 7 defined as a feature key already cannot assign Digit Display COS.

SCH3686 The M2008, M2616, and M2216 sets with key 7 defined for its corresponding data TN cannot assign Digit Display COS.

SCH3687 The M2016 set cannot be assigned DTA CLS.

SCH3688 The M2000 series data TN key 7 cannot be configured.

SCH3689 The M2000 series data TN key 7 (or key 5 for M2006) of the corresponding voice TN is defined.

SCH3690 The M2616 set with key 15 defined, cannot assign HFA CLS.

SCH3691	TOV input out-of-range.
SCH3692	Wrong OPE input. Cannot match mnemonics.
SCH3693	Wrong TRAN input. Cannot match mnemonics.
SCH3694	Wrong PAR input. Cannot match mnemonics.
SCH3695	Wrong DTR input. Cannot match mnemonics.
SCH3696	Wrong DUP input. Cannot match mnemonics.
SCH3697	Wrong HOT input. Cannot match mnemonics.
SCH3698	Wrong AUT input. Cannot match mnemonics.
SCH3699	Wrong BAUD input. Cannot match mnemonics.
SCH3700	Wrong DCD input. Cannot match mnemonics.
SCH3701	Wrong PRM input. Cannot match mnemonics.
SCH3702	Wrong VLL input. Cannot match mnemonics.
SCH3703	Wrong MOD input. Cannot match mnemonics.
SCH3704	Wrong INT input. Cannot match mnemonics.
SCH3705	Wrong CLK input. Cannot match mnemonics.
SCH3706	MPDA/ADATA is either not equipped or response timeout.
SCH3707	M2016 cannot be configured as data TN.
SCH3709	PRI2 data does not exist.
SCH3710	The specified ANI data block has configured already (for command NEW).
SCH3711	Incorrect NPA format. It should be N = 2-9, P = 0/1, A = 0-9.
SCH3712	The specified ANI data block has not configured yet (for PRT, CHG, and OUT).
SCH3713	The input value is out-of-range.
SCH3714	The specified input data has been configured already (for command NEW).
SCH3715	Range input is not allowed for SUB response.

SCH3716 Ending digit is smaller than the starting digit for range input.

SCH3717 The specified input data has not configured yet.

SCH3718 Timers for this feature are defined in increments of 30 seconds. The timer value will increase to the next 30 second increment.

SCH3719 SFA not allowed unless FNA is defined.

SCH3720 The Speed Call List for the default (0) Pretranslation Calling Group does not exist.

SCH3721 Device must be disabled to permit PMS link change.

Action: Disable the link in LD 37.

SCH3722 Added loops must be of the same type as DCHL.

SCH3723 ATIM out-of-range (0-126).

SCH3724 Invalid Attendant Alternative Answering (AAA) DN type. Valid types are Set DN (PBX, SL-1, and Digital) and ACD DN.

SCH3725 Invalid card type specified for prompt FDLC. Possible types are XNET (Network Card), XPEC (Controller), XNPD (Network/DTR Card), ALL.

SCH3726 Invalid download option specified for prompt FDLC.

Action: Enter F for forced download or C for conditional download.

SCH3727 Invalid Peripheral Software (PSW) version type specified for prompt FDLC. Possible values are: L = Latest, C = Current (default), S = specified (1-99).

SCH3728 Invalid Peripheral Software (PSW) version number (1-99) specified for prompt FDLC.

SCH3729 Download parameter missing or invalid.

SCH3730 Since L (latest) or C (current)has been entered for download type, a version number cannot be entered.

SCH3731 Invalid FDCT pointer found: possible memory corruption.

SCH3732 Missing software for Network Card (NT8D04) on disk.

Action: Get the disk with the proper Network Card software version.

SCH3733 Missing software for Controller (NT8D01) on disk.

Action: Get the disk with the proper Controller software version.

SCH3734 Error in Mass Storage Unit.

Action: Check Mass Storage Unit.

SCH3735 Cannot change data for superloop 24 or 28.

SCH3736 Wrong number of inputs.

SCH3737 Input out-of-range.

SCH3738 Cannot delete Controller defined for the new Network/DTR loop.

SCH3739 The M2006 DN is only allowed on key 0.

SCH3740 A PRI2 TN can only be associated with a PRI2 route.

SCH3741 The International Primary Rate Access (IPRA) package is not equipped.

SCH3743 The Load Management (LMAN) package is not equipped.

SCH3744 The Send Message (SMSG) and Get Message (GMSG) keys are only allowed on ACD sets.

SCH3745 The Send Message (SMSG) and Get Message (GMSG) keys are only allowed on M2000 series sets with a digit display.

SCH3755 Input out-of-range.

SCH3756 Table does not exist.

SCH3757 Invalid Target. The Target identifiers must be part of the Coordinated Dialing Plan (CDP) or Uniform Dialing Plan (UDP).

SCH3758 Do not define a Time Overflow Timer (TOFT) if a Day Table for Network ACD is to be created. Delete TOFT and create the Day Table.

SCH3759 Do not define a Night Call Forward (NCFW) DN if a Night Table for Network ACD is to be created.

Action: Delete NCFW DN and create the Night Table.

SCH3760 Network ACD Target Table is full.

SCH3761 Table already exists.

SCH3762 A Table must be specified for the NEW, CHG, and PRT commands.

SCH3763 Timer for the Target is expected.

SCH3764 Auxiliary Processor (AUX) message was not sent because enough Call Registers are lacking. Message is a table change update message.

SCH3765 An ACD DN cannot be deleted if it has Target Tables assigned to it.

Action: Remove these Tables first.

SCH3766 The Network ACD package 178 must be equipped to enter TYPE = NACD.

SCH3767 No Target Table of that type exists for this ACD DN.

SCH3768 Too many digits entered for this ACD DN.

SCH3769 Not enough PDS available for that Target Table.

SCH3770 The Network Services package 148, Enhanced Overflow package 178 and Network ACD package 207, are required for all remote targets.

SCH3771 Network ACD package 178 is not equipped.

SCH3772 Automatic Digit Display (ADD) or Digit Display Service (DDS) Class of Service (CLS) is required for this function.

SCH3775 Cannot assign an ICI key to a route belonging to a different CPG.

SCH3776 This Listed Directory Number (LDN) belongs to a different CPG and cannot be reused.

SCH3777 CPG basic package is not equipped.

SCH3778 You cannot disable the Multi-Tenant (TENS) feature because some Console Presentation Groups (CPGs) still exist. For CPG 1-63, when TYPE = CPGP

SCH3779 This customer has CPG Level Services feature enabled already.

SCH3780 You cannot enable Console Presentation Group (CPG) Level services for this customer, because they have Departmentally Listed DNs (DLDNs) allowed. The CPG and DLDN features are mutually exclusive.

Action: Go to LD 15 and set DLDN to NO before enabling CPG.

SCH3781 Cannot disable the CPG Level Services feature when CPG data blocks (1-63) still exist.

SCH3782 The basic attendant parameter block of the customer (CPG 0) does not exist.

SCH3783 Shared Tenant Service is not allowed because the CPGs defined for Tenant Services overlap.

Action: Print out all the CPG Attendant definitions and verify that all Attendants belong to only one CPG at a time.

SCH3784 CPG number is out-of-range (1-63).

SCH3785 That CPG data block already exists.

SCH3786 Cannot configure a CPG data block for a CPG without any attendants.

SCH3787 CPG data block does not exist.

SCH3788 Cannot delete a CPG data block when the CPG is still used by tenants/routes.

SCH3789 Cannot remove a CPG while it's associated CPG data block still exists.

SCH3790 Cannot remove the last Attendant from the CPG definition while it's CPG data block exists.

SCH3791 Warning: The ICI key definition of the route specified for the previous CPG data block will be used.

SCH3792 You cannot remove a Customer Data Block (CDB) while CPG data blocks still exist.

Action: Remove the CPG data blocks in LD93.

SCH3793 The CPG Level Services must be enabled before configuring a CPG data block.

SCH3794 This customer has CPG Level Services feature enabled and therefore cannot enable the Department Listed DN (DLDN) feature.

SCH3795 The CPG_DEFS/RTE_CPG ORDF block does not exist. Severe data corruption has occurred. Cannot proceed.

SCH3796 x x x As the CPG feature is enabled, the Attendant consoles in customized CPGs are taken out automatically, where: x x x = the Attendant numbers taken out.

SCH3797 That attendant number belongs to another CPG.

SCH3800 Level 4 can only be removed by removing level 3.

SCH3801 Level 2 cannot be removed for L1 labels.

SCH3802 MFC level 2 does not exist.

SCH3803 Incoming table still exists in an own_nic_blk.

SCH3804	Outgoing table still exists in an nic_blk.
SCH3805	Levels 3 and 4 must both be defined.
SCH3806	During call processing may cause problems.
SCH3807	Translation type not tab for customer.
SCH3808	No DN-PSA translation table.
SCH3809	Entries still in DN-PSA translation table.
SCH3810	DN already in table.
SCH3811	DN not in table.
SCH3812	More than one Radio Paging System exists. Table entries must be removed before resetting to single system.
SCH3813	EXOP not allowed without FFC package equipped.
SCH3814	Input for CDTO prompt is out-of-range (0-10).
SCH3815	No ASEQ currently defined.
SCH3816	ASEQ input is out-of-range (0-9).
SCH3817	FFC state is being set to zero due to conflict with the new ASEQ.
SCH3818	FFC conflicts with another FFC's numeric equivalent.
SCH3819	Numeric equivalent conflicts in the DN translator.
SCH3820	FFC and/or equivalent conflicts with an already existing DN.
SCH3821	The Scheduled Access Restriction package is not equipped.
SCH3822	Attempting to create a new Authcode when the number of digits for the Authcode ALEN, is zero.
SCH3823	Maximum Scheduled Access Restriction Group is out-of-range (0-127).
SCH3824	The number of digits of the Authorization code to be validated is outside of the range (0, ALEN), where ALEN is the number of digits in the Authorization code itself.
SCH3825	The response is other than YES or NO.

SCH3826 The CRCS value is outside of the range (0-7).

SCH3827 The TGAR value is outside of the range (0-15).

SCH3828 Unable to match the input with the Stored Service Mnemonics.

SCH3829 Cannot create aut block when ALEN = 0.

SCH3830 There is no room in the AUTH Pointer Table.

SCH3831 {CR} is not allowed when AUTH Block SARG number for GRP is expected.

SCH3832 The SARG number is outside of the range (1, SMAX) where SMAX is the maximum SARG number allowed.

SCH3833 The SAR Block does not yet exist for this customer.

SCH3834 No AUTH Blocks exist for this customer.

SCH3835 The hour and/or minute entered for the off-period Start/Stop times is out-of-range.

Where: HH= Hour, MM= Minute, and

HH is greater than or equal to 0, and less than or equal to 23;

MM is greater than or equal to 0 and less than or equal to 59

SCH3836 Higher SAR group number exists.

SCH3837 {CR} is not allowed for the lock request.

SCH3838 The lock number must be either 1 or 2, to correspond to one of the two off-periods.

SCH3839 Attempting to print a non-existing service code corresponding to the authorization code entered.

SCH3840 ATD is not allowed on input. Enter ATA or either CUS or GRP. For the latter two, ATD is implied.

SCH3841 Attempting to remove or change a non-existent SARG entry.

SCH3842 Attempting to create a new SARG entry corresponding to one which already exists.

SCH3843 {CR} is not allowed for SMAX prompt.

SCH3844 {CR} is not allowed for AVAL prompt.

SCH3845 Attempting to lock onto an unusual off-period time (both START and STOP times are zero).

SCH3846 The Authcode entry pointer does not point to the start of the storage corresponding to the Authcode entered (This should never occur).

SCH3847 Attempting to enter extra information on the same line as the service data which must appear by itself.

SCH3848 {CR} is not allowed for services which the command is not a change.

SCH3849 Requesting to print a single Authcode which does not exist.

SCH3850 Attempting to insert the Authcode data when it's location is unknown.

SCH3851 SS table number is out-of-range.

SCH3852 SS head table does not exist.

SCH3853 Entry does not exist in table.

SCH3854 Receive section of table is full.

SCH3855 Input out-of-range (11-15).

SCH3856 Input out-of-range (1-15).

SCH3857 Invalid function for this table.

SCH3858 Network package denied.

SCH3859 Attempt to assign more than one CPR key on a SL-1 set.

SCH3860 Digit display is required for CPR feature.

SCH3861 More than 4 characters were entered.

SCH3862 ASCII count variable is less than zero.

SCH3864 Remove NWK ACOD when changing to 11.

SCH3889 Response to SUPN INC was RVBD.

Action: Response to SUPN OUT must be RVBD.

SCH3890 DN length conflicts with DNs already existing in DN-PSA translation table.

SCH3891 Protected block length for station input not accepted.

SCH3900	Multi-Tenant Service package is restricted.
SCH3901	Only ALOW or DENY can be entered.
SCH3902	Only one input field allowed.
SCH3903	Null input not allowed.
SCH3904	Tenant Service is not enabled for this customer.
SCH3905	Not all attendant console groups have been removed.
SCH3906	NEW or OUT is not allowed for this TYPE.
SCH3907	CHG is not allowed for this TYPE.
SCH3908	Not all Route ACCESS_ARRAY blocks have been removed.
SCH3909	Not all Tenant ACCESS_ARRAY blocks have been removed.
SCH3910	Tenant number out-of-range.
SCH3911	Route number out-of-range.
SCH3912	Attendant Console Presentation Group number out-of-range.
SCH3913	Cannot OUT Multi-Tenant. There are still sets which belong to a tenant (have Class of Service TENA).
SCH3914	Attendant Console number out-of-range.
SCH3915	Attendant Console Presentation Group cannot be removed while it is specified for a Tenant or a Route.
SCH3916	Attendant Console Presentation Group Definitions block, CPG_DEFS, is missing.
SCH3917	Tenant Ordinals block, TEN_CPG_ORDLS, is missing.
SCH3918	Route Ordinals block, RTE_CPG_ORDLS, is missing.
SCH3919	Invalid response to ALOW or DENY.
SCH3920	Attendant Console Presentation Group 0 is not service changeable.
SCH3921	Tenant Service is already configured for this Customer.
SCH3922	Attendant Console Presentation Group is already configured.

SCH3923 Attendant Console Presentation Group is not configured.

SCH3924 A Tenant cannot be denied access to itself.

SCH3925 Response to AUTR is invalid.

SCH3926 Digital set package is unequipped.

SCH3927 Touchphone set package is unequipped.

SCH3928 TN type does not match with the corresponding voice or data TN.

SCH3929 Loop must be quadruple density loop for Touchphone or Digital set.

SCH3930 Maximum number of keys is either 9, 11, or 18 for compact sets.

SCH3931 No default for MXKY if defining a new compact set.

SCH3932 Keys 6-16 are reserved for future key expansion on Touchphone.

SCH3933 Default keys for Touchphone are not allowed if a new set is being defined

SCH3934 This key feature is not applicable on Digital sets.

SCH3935 1. For M3000 Data PDN must match DN of key 17 for the voice TN.

2. For M2317: Data PDN must match DN of key 10 for the voice TN.

Action: 1. Change key 17 of the Voice TN to null, then change the data PDN to the appropriate PDN and define key 17 for the voice TN once again.

2. Change key 10 of the Voice TN to null, then change the data PDN to the appropriate PDN and define key 10 for the voice TN once again.

SCH3936 Cannot delete the data TN until key 10 of the M2317, or key 17 of the M3000 is changed to NUL.

SCH3937 Loop specified for TOTN prompt must be a quadruple density loop for Digital set.

SCH3938 TN types for voice and data ports of a Digital set do not match.

SCH3939 For M3000: Key 17 of voice TN must be NULL before changing PDN of data TN.
For M2317: Key 10 of voice TN must be NULL before changing PDN of data TN.

SCH3941 For Touchphone, key 0-5 can only be SCR/N, MCR/N, PLR/N and DIG.

SCH3942 For Touchphone and M2000 series digital sets, this feature cannot be defined for this key number (17-35).

SCH3943 Only Digital sets, M3000 sets, ISDLC cards or Digitone Receivers can be quadruple density.

SCH3944 Cannot have CMSA Class of Service for digital telephones.

SCH3945 VCE is used for voice TNs, DTA is used for data TNs. For digital line cards the TN unit range is: VCE = 0-7, DTA 8-15. For NT8D02: VCE = 0-15, DTA = 16-31.

SCH3946 Cannot move a digital voice TN to a data TN or vice versa.

SCH3947 The corresponding voice/data TN of the moved digital telephone TN should also

SCH3948 The telephone type of the moving TN does not match with the set type of the corresponding voice/data TN of the TOTN.

SCH3949 Cannot change double density card (BCS card) to quadruple density card (ISDLC card).

SCH3950 AAK key or AAA Class of Service is not allowed for this type of set.

SCH3951 Data DN key cannot be defined until data TN is defined.

SCH3953 The modem TN must be in the same customer group as the ADM trunk.

SCH3954 The Touchphone data DN can have only two members, the voice TN and the data TN.

SCH3955 2009, 2018, and 2112 cannot be ACD sets.

SCH3956 RANF, RAN1, RAN2 must be assigned a different route number. With the Multiple Language Wake Up (MLWU) feature, RANF, RAN1 and RAN2 must be different from language routes (LA11 through LA52 in LD 15).

SCH3959 A non-PRI loop number was specified in the TN, but the route member is PRA mode.

SCH4000 Number of characters specified for a block identification line is out-of-range.

SCH4001 The maximum number of block IDs is out-of-range.

SCH4002 An attempt was made to increase the RIT but there is not enough protected storage.

Action: Remove and copy manually.

SCH4003 RANF, RAN1, RAN2 must be assigned to different routes.

SCH4021 Cannot remove Speed Call List which is used as a pretranslation list in the speed call data block.

SCH4022 Response AONW is out-of-range (3-32768).

SCH4023 FFW key is already defined.

SCH4024 Private Line routes are not applicable.

SCH4025 Route entered cannot be a RAN Route.

SCH4050 ALEN must be in the range ({AVAL}, 16).

SCH4061 Before Release 10: VNET route has changed to a Non-VNET route. After Release 10: VNET route has changed to a Non-VNET route. CMFI has been zeroed.

Action: Use LD 14 or manual initialize to allocate extra memory for CPN trunks.

SCH4062 Before Release 10: NON-VNET route has changed to a VNET route. After Release 10: VNET route has changed to a Non-VNET route. ISST has been zeroed.

Action: Use LD 14 or manual initialize to allocate extra memory for CPN trunks.

SCH4063 Private line route.

SCH4064 No CAS keys defined for this CUST.

SCH4065 Conference loop increase out-of-range (larger than 79).

SCH4066 Different Multifrequency signaling method defined for this route.

SCH4067 Trunks must be removed before changing MF signaling type.

SCH4068 MFE Signaling allowed on incoming trunks only.

SCH4069 DN size for pretranslation table must be less than 5.

SCH4070 Incoming non-VNET routes using L1 MFC cannot be assigned tables which contain more than 2 levels of signaling.

SCH4071 Route entered does not exist.

SCH4072 MAXN must be greater than 0 for TYPE = ACG.

SCH4073 Value for MAXN out-of-range (1-63).

SCH4074	Only two input fields allowed.
SCH4075	Only NITE or an AGNO accepted for second option.
SCH4076	NTNO cannot be greater than 4 digits.
SCH4077	DN entered must be an LDN.
SCH4078	Route must be outgoing for RACC and incoming for RACG.
SCH4079	Attendant Console Groups exist greater than MAXN.
SCH4080	Loop density must be 4D or DD.
SCH4081	Local tone out-of-range (0-3).
SCH4082	HFA/HFD only allowed for M2018 sets.
SCH4083	DTA only allowed for Digital sets.
SCH4084	Invalid card type for Digital set TN.
SCH4085	Single density not allowed for Digital sets.
SCH4086	Cannot change DTA/VCE Class of Service.
SCH4100	LDN has a Tenant Number cannot be deleted or changed.
SCH4101	ALDN Group cannot be used at a satellite node.
SCH4102	Input out-of-range (3-19).
SCH4103	A LDN number higher than input value for MAXN is defined.
SCH4104	Input for prompt ICIM must be one of NON, LDN0, LDN1, LDN2, LDN3 or {CR}.
SCH4105	Input not accepted - Tenant Data Defined.
SCH4106	A tenant number which is higher than input value for MXTN is defined in protected data.
SCH4107	No package that uses station group data is equipped.
SCH4108	Tenant number must be in the range 0 to MXTN in LD 15.
SCH4109	Station Group already defined.

SCH4110 Attendant number defined in a console group.

SCH4111 Cannot remove route mapped to an ACG.

SCH4112 Cannot accept OGT for route mapped to ACG.

SCH4113 Station group not defined.

SCH4114 Input must be one of A, MU, or {CR}.

SCH4115 Warning: Counting edge of PPM pulse bit(s) for the DTI loop is not compatible with the incoming CONN(s) signal in the signaling category table entered. Metering will not be performed on this channel.

SCH4116 Warning: Route entered for DTI channel has battery reversal type of metering. Metering will not be performed on this channel.

SCH4117 Warning: DTI loop has PPM pulse bit(s) defined but entered route does not have PPM type of metering. Metering will not be performed on this channel.

SCH4118 Warning: Entered route has PPM type of metering, but DTI loop does not have PPM pulse bit(s) defined. Metering will not be performed on this channel.

SCH4119 No DTI TNs exist.

SCH4120 Entry out-of-range.

SCH4121 Invalid loop type entered.

Action: For JDMI and DTI2, you must enter JDMI loop. For PRI2, a PRI2 loop is required.

SCH4122 DTI data does not exist.

SCH4123 Timers cannot be created.

SCH4124 Channel out-of-range.

SCH4125 DTI loop is not defined.

SCH4126 Signaling/pad category does not exist.

SCH4127 Signaling/pad category table cannot be removed because there are no references to the table.

SCH4128 Signaling/pad category already exists.

SCH4129	Invalid abcd code.
SCH4130	Non-compatible loops (digital and analog).
SCH4131	DTI2 package is not equipped.
SCH4132	Timers cannot be removed.
SCH4133	Timer values must be in a descending order.
SCH4134	Non-analog loop.
SCH4135	Non-digital trunk type.
SCH4136	Destination loop is not the same type as source loop.
SCH4137	Not allowed for a DTI loop.
SCH4138	Channel-TN conversation failed.
SCH4139	Signaling category can accept no more TNs.
SCH4140	Device must be disabled to permit end link change.
SCH4141	CND package restricted.
SCH4142	CND user should be only user of physical unit.
SCH4143	CND name length exceeds maximum allowed.
SCH4144	Illegal ASCII character.
SCH4145	Attempt to remove name in command NEW.
SCH4146	Cannot find CND data in line block.
SCH4147	YES or NO only legal response to the prompt.
SCH4148	Entry out-of-range (0-127).
SCH4149	Attempt to remove display in command YES.
SCH4150	Display is not configured.
SCH4151	Display is not assigned to this customer.
SCH4152	Entry out-of-range (0-63).

SCH4153	Attempt to remove display group in command NEW.
SCH4154	Group is not configured.
SCH4155	Unable to change name due to name block overflow.
SCH4156	Display is already configured.
SCH4157	Invalid CND display type.
SCH4158	CND display type conflict.
SCH4159	SCTRNTRANS failed.
SCH4160	ICI key is already assigned to area.
SCH4161	Legal ICI key is assigned to area.
SCH4162	Illegal response to area.
SCH4163	Input to area out-of-range.
SCH4164	CND display group does not exist.
SCH4165	CND display group must be entered except PRT.
SCH4166	CND display group out-of-range (0-63).
SCH4167	CND display number must be entered.
SCH4168	CND display number out-of-range (0-127).
SCH4169	CND display group already exists.
SCH4170	Maximum 10 groups entered in one pass.
SCH4171	CND display is not assigned to this customer.
SCH4172	CND display is already assigned.
SCH4173	CND display must be entered except PRT.
SCH4174	Request for CND name memory is too large.
SCH4175	CND link is not configured.
SCH4176	CNDGROUPTBL BLK cannot be created, NIL PTR returns from GET_PDATA_BLK, DISI will not be created.

SCH4177	CND_DISPLAYS BLK cannot be created, NIL PTR returns from GET_PDATA_BLK, DISI will not be created.
SCH4178	CNDMONITORAREA BLK cannot be created, NIL PTR returns from GET_UDATA_BLK, DISI will not be created.
SCH4179	CND display must be disabled to be removed from configuration.
SCH4180	Display is already assigned to attendant.
SCH4181	CND must be removed before CND TTY.
SCH4193	AC15B trunk is still attached.
SCH4194	CMF must be entered for GEC NLC class.
SCH4195	Input value must be EM4.
SCH4196	Input must be A15B.
SCH4197	The NLC trade mark is not GEC.
SCH4198	CLS must be CMF.
SCH4199	Input must be NT or GEC.
SCH4200	CLS of AAA and FNA conflict.
SCH4201	No Authcode table defined for this customer.
SCH4202	VNET route has changed to NON-VNET route. CMFI contained greater than 2 levels of signaling, so it was zeroed.
SCH4203	VNET route has changed to NON-VNET route. ISST has been zeroed.
SCH4204	60 or 70 ms is not supported when TDSO = NO, or 50 ms is not supported when TDSO = YES.
SCH4206	TTY 15 is reserved for HIST file.
SCH4209	BGD or PMS not allowed for user prompt if device is PRT.
SCH4210	Numeric input out of valid range (1-9).
SCH4211	Auto and R2 mode cannot be configured at the same time. Auto takes precedence and R2 mode feature will be turned off.

SCH4212 Empty block is not allowed.

SCH4365 This conference loop is used for AWU.

SCH4500 You must first define the LSC in LD15 before using the TIDY prompt.

SCH4501 Two entries are required for table.

SCH4502 Calling number is out-of-range.

SCH4503 Speed Call List number is out-of-range.

SCH4504 No table SCL pointer.

SCH4505 128 blocks are already configured (for command NEW).

SCH4506 PREO is out-of-range.

SCH4507 Invalid response entered.

SCH4508 Invalid number of parameters entered.

SCH4515 JCO/LST/LNT applies to CO loopstart non-digital trunk only.

SCH4516 M2317 set requires DLT2 package (91).

SCH4517 Package for Caller's Name Display not equipped.

SCH4518 Wrong telephone type.

Action: Set must have a digit display for CNDA/DNDA Class of Service.

SCH4519 M2317: invalid feature for specified key number.

SCH4520 Delta II, soft key feature may not be assigned to programmable keys (0 through 10).

SCH4521 M2317 sets with the data option must have key 10 defined as an SCR DN.

Action: If the data option is being specified for this set (CLS = DTA), key 10 must be defined on the voice TN as an SCR key with the same DN as Data Prime DN (key 0). You cannot assign a feature to this key.

SCH4522 M2317 key is hardwired for handsfree and is not allowed to be defined.

SCH4523 Data DN key cannot be changed in Attendant Administration.

SCH4524 This key feature cannot be defined in Attendant Administration.

SCH4525 Package for Digit Display not equipped, which is required for Caller's Name Display or Dialed Name Display; or NDD Class of Service is not allowed with CNDA or DNDA Class of Service.

SCH4526 Supervisory Console package equipped. BCS stations cannot be allocated to card with attendant assigned.

SCH4527 Supervisory Console package equipped.

Action: Attendant prime TN must be on unit 0 for single density cards. For double density cards, the prime DN must be on unit 0 or unit 4.

SCH4528 Supervisory Console package equipped. Attendant console cannot share card with other stations.

SCH4529 Supervisory Console package equipped. Prime and secondary TN must be consecutive.

SCH4530 Threshold out-of-range (1-255).

SCH4531 Threshold must be greater than or equal to previous threshold.

SCH4532 TN does not exist in LD 15.

SCH4533 Supervisory Console is in Service Observation mode.

SCH4534 SNR package not equipped.

SCH4535 Last Number Redial (LNR) has not been defined in the Customer data block (LD 15).

SCH4536 The size entry for Last Number Redial (LNR) is invalid.

SCH4537 The Class of Service for Last Number Redial (LNR) has not been specified for this set.

SCH4538 This type of Alpha terminal, M2317, or M3000 is not supported by the LNR feature.

SCH4541 The attendant console being assigned as Supervisor is out-of-range (1-63).

SCH4542 Both Busy Lamp Field (BLF) arrays of the customer are already assigned.

SCH4543 The Lamp Field Array option is not assigned.

SCH4549 (SWA) Class of Service cannot be defined without having a Call Waiting key/ lamp pair defined for SL-1 sets.

SCH4550 For 500/2500 sets with Station Loop Preemption (SLP), sets with SWA Class of Service must have Call Waiting Allowed (CWA). Also, SWA is mutually exclusive with Call Waiting Denied (CWD) and Precedence Call Waiting Denied (PCWD).

SCH4551 Hard disk not allowed on units 1 to 3.

SCH4552 OUT or NEW not valid for unit 0.

SCH4553 For M2317 sets, the COS for Message Waiting is denied if the Message Waiting Key (MWK) has not been assigned, since the common audible signaling is not supported.

SCH4554 IO_BLK_PTR not defined; data corruption.

SCH4555 A source cannot be a target for itself.

SCH4556 CPND data block must be removed before the customer data block.

SCH4560 Number of trees must be input (LD 15).

SCH4561 Tree number is out-of-range for LD 15 (0-254).

SCH4562 Tree number is out-of-range for LD 16 (0-254).

SCH4563 Tree does not exist.

SCH4564 A tree number must be input (LD 49).

SCH4565 Tree number is out-of-range for LD 49 (0-254).

SCH4566 Illegal range requested.

SCH4567 Code value out-of-range, range is 100 - 9999.

SCH4568 Internal DN is out-of-range.

SCH4575 Display on Manual Signaling package not equipped.

SCH4576 Invalid response to AC2 prompt in LD 15; HLOC is prompted again.

Action: Enter numeric input between 100 and 9999.

SCH4577 LSC should be between 100 and 9999.

SCH4578 Four inputs are required for the Busy or OVBU prompts.

SCH4579 Invalid input entered. Invalid Interflow treatment or Busy Tone treatment for originating type. In X11 Release 17, BSY is not accepted for CO, FX trunks.

SCH4580	Cannot change user mode to ISL while B-channels are still configured on associated DCH loops.
SCH4581	Repeat NEW of an ESL TN table in LD 14. CHID is not assigned for ESL trunks using NEW number only first CHID is accepted. Others must be added individually.
SCH4597	Template space for assigned authcode cannot be allocated.
SCH4598	The assigned number entered is not within the valid range.
SCH4599	The assigned authcode entered is invalid.
SCH4600	The ICDR package is restricted.
SCH4601	An ACD station is not allowed an ICDR COS.
SCH4602	MCT package is not equipped.
SCH4603	ACD stations are nor allowed to have MCT feature.
SCH4605	EHTA or EHTD not allowed with MNL COS.
SCH4606	Hot Line package not equipped.
SCH4607	If the station has EHTA COS, then HOT must be entered in response to the FTR prompt.
SCH4608	Hot Line keys disallowed if Hot Line package is not equipped.
SCH4609	EHTA conflicts with LLC1, LLC2, and LLC3. Hot Line keys cannot be assigned to telephones with LLC enabled.
SCH4630	LLC COS cannot be assigned, LLC package not enabled.
SCH4631	Invalid response to LLC prompt (YES or NO).
SCH4632	Invalid threshold value for LLC level (0-100).
SCH4635	Warning: Available UDS is less than 4KW.
SCH4636	Input is not one of PRT, TTY, HDK, FDK.
SCH4640	Billable limits must be within system maximum and minimum.
SCH4641	Billable limits cannot be reduced below current TN to total.

SCH4642	Number of TNs must be between system minimum and billable limits.
SCH4643	Number of loops must be between zero and loop limit.
SCH4644	Customer Night DN cannot be Pilot DN.
SCH4652	ENP package is not equipped.
SCH4653	Display DN does not start with a pilot DN.
SCH4654	DN must not exceed six characters.
SCH4655	NSO number entered is not defined.
SCH4656	PRXL must be equipped.
SCH4657	NGA must be defined.
SCH4658	Out-of-range (0-7).
SCH4659	Invalid input; only 0, 5, 8 or 9 will be accepted as valid inputs.
SCH4660	PRIM/SEC source has already been defined for the clock controller.
SCH4661	No change allowed while active CC is using this source.
SCH4662	Repeat count out-of-range for Signaling Category table; the table would be too full if allowed to proceed.
SCH4664	Removing non-existing Limited Access Password (LAPW).
SCH4665	Attempted loop move between GEC & NT loops.
SCH4667	AFA Class of Service not allowed unless COS FNA.
SCH4668	SARG period 1 start and stop times are undefined.
SCH4669	Private line cannot be used with FTC.
SCH4670	ABCD package is not equipped
SCH4671	ABCD table does not exist
SCH4672	ABCD table already exists
SCH4673	Higher ABCD table number exists.
SCH4674	Input must be 1, 2, 3 or {CR}.

SCH4677	Undesired default function should be mapped to another existing signal.
SCH4678	Cannot change ENA, END, LKA, LKD, UNA, UND, DSA, DSD, or invalid abcd code for send signal.
SCH4679	Receive and send signal inputs do not match.
SCH4680	Already 16 LOG units are configured. No more new devices can be added.
SCH4681	PVR or PVN cannot be assigned as primed DN.
SCH4684	Input out-of-range (1-4095).
SCH4685	Input out-of-range (0-4095).
SCH4687	Option not defined for this feature.
SCH4688	INST digits conflict with ATCD.
SCH4700	FTC package is not equipped. SRC1-SRC8 not allowed.
SCH4701	{CR} only allowed for print.
SCH4702	Table 0 cannot be removed.
SCH4703	Input must be between 256 and 1024.
SCH4704	Mixture of zero and non-zero values not allowed.
SCH4705	No tone tables found.
SCH4706	Input must be 4 or 8.
SCH4707	96 or 128 must be input.
SCH4708	Input must be 50, 60, 70, or 100.
SCH4709	Input out-of-range (0-1).
SCH4710	Duplicate key assigned to attendant console.
SCH4711	Parameter out-of-range (0-9).
SCH4712	Warning: MFC outgoing table will be cleared. Route members should not have MFC Class of Service if there is no incoming MFC table.

SCH4713 Warning: MFC incoming table will be cleared. Route members should not have MFC Class of Service if there is no outgoing MFC table.

SCH4725 LMM response forced for STAR if DN exist for ATDN or MNDN.

SCH4726 If AUTO is set and TKTP is TIE, SIG cannot be ESN3.

SCH4727 Pointer for shown PRI loop is NIL.

SCH4728 Minimum value must be specified when the NSF or IFC of the ISA is changed.

SCH4729 Input must be provided for DCH DTE or DCE.

SCH4730 Unable to allocate memory for new DCH.

SCH4731 Device configured as a DCHI or BCHI.

SCH4732 Cannot remove the D-channel when B-channel is still defined for loops associated with this D-channel.

SCH4733 Unable to allocate memory for new backup DCH.

SCH4734 Cannot out backup DCH while the backup D-channel loop (BCHL) still has B channels configured.

SCH4735 Cannot out backup DCH. There was a problem with memory allocation.

SCH4736 ISL trunks still exist. Cannot out DCH.

SCH4737 A D-channel which has a backup DCH configured is not allowed to execute the move command.

Action: Start over to remove DCHI by entering X at DCHI and X at BCHI, then enter X at DCHL and X at BCHL, all on the same pass. Alternatively BCHI and BCHL may be removed on a preceding pass, then DCHI and DCHL may be removed subsequently.

SCH4738 Only DCH in PRA mode are allowed to be moved.

Action: Start over to remove DCHI by entering X at DCHI, then enter X at PRI for each PRI loop that is associated with the DCHI, all on the same pass. Alternatively the associated PRI loops may be removed on a preceding pass, then DCHI and DCHL may be removed subsequently.

SCH4739 Customer need to be equipped with PRA to configure LDN or PDN Class of Service for the set.

SCH4740 All DCH and PRI loops must be disabled for the move.

SCH4741 The IO card type is not allowed for the backup D-channel

SCH4742 Loop cannot be deleted when configured with DCH.

SCH4743 Warning: Frame format should not be changed when the loop is associated with a DCH link.

SCH4744 Port is defined as BCHI.

SCH4745 Warning: Parameter should not be changed when the loop is configured with a DCH.

SCH4746 Cannot select the loop for DCHL or BCHL because the D-channel (24 for PRI, 31 for PRI2) is set as a B or A/B channel.

SCH4747 BCHI is defined as DCHI.

SCH4748 Cannot remove undefined DCH channel (DCHI or BCHI).

SCH4749 Parameter can be changed only when the DCHI link is in reset status.

SCH4750 64K clear can be selected only when LCMT is B8S.

SCH4751 DCHL must be defined for DCHI when USR=PRA/SHA.

Action: Start over to define DCHI. DCHL must not be removed while corresponding DCHI exists; start over to remove DCHL by entering X at DCHI, then on the same pass enter X at DCHL.

SCH4752 Warning: IFC should not be changed when any of the channels of the configured loops (DCHL, BCHL and/or PRIs) are configured.

SCH4753 Loop configured as DCHL or BCHL.

SCH4754 BCHI is not defined while BCHL is.

SCH4755 BCHL must be defined for BCHI when USR=PRA/SHA.

Action: Start over to define BCHI. BCHL must not be removed while corresponding BCHI exists; start over to remove BCHL by entering X at BCHI, then on the same pass enter X at BCHL.

SCH4756 Selected loop is not configured as a PRI or PRI2 loop.

SCH4757 PRI sequence number is not available.

SCH4758 Loop is already configured with a DCH link.

SCH4759 DCHL must be defined for new link.

SCH4760 DCHL, BCHL or PRI loop is not defined.

SCH4761 Loop number not associated with DCHI number/BCHI number.

SCH4762 Analog route cannot be PRA.

SCH4763 Yellow alarm was changed to DG2 because the frame format was changed to other than ESF.

SCH4764 Cannot configure DCH when the other port on the card is not configured as TTY

SCH4765 Loop number must be given with the sequence number.

SCH4766 Loop can be removed only when none of its channels are configured for B-channel signaling.

SCH4767 The loop number has already been used by this DCH.

SCH4768 BCHI must have different value from DCHI.

SCH4769 There is at least one ISDN route. PRA = NO is not allowed.

SCH4770 HNPA, HLOC and HNXX must be given for new customer.

SCH4771 Code value out-of-range (100-999).

SCH4772 Customer need to be equipped with PRA (LD 15) to configure ISDN route.

SCH4773 Cannot set ISDN to NO while ISAR = YES or B-Channels are configured for the route.

SCH4774 STEP to ISA route is not allowed.

SCH4775 Warning: IFC must be changed for service route in conjunction with ISA routes and IFC for the DCH link.

Action: IFC must be changed for the DCH first and then changed for the ISA routes which have channels from the PRI loops of the DCH. Finally, change the IFC for the service routes.

SCH4776 ISA route is not defined.

SCH4777 Route type is not ISA.

SCH4778 ISA route must be defined first.

SCH4779 Warning: Must define LDN0: required for ISDN PRI DID service The length of LDN0 determines the number of trailing digits translated as the dialed DN on PRI DID routes.

SCH4780 To change NSF, all routes associated with the ISA route must be service changed to update the NSF parameters (i.e. MIN and MAX) associated with them.

SCH4781 Minimum number of calls must be specified.

SCH4782 Maximum number of calls must be specified.

SCH4783 The minimum value is greater than the maximum value.

SCH4784 Expecting 3 digits.

SCH4785 ISA route has no trunks (channels).

SCH4786 The sum of the MIN for all routes which access the ISA route exceed the number of configured trunks for the ISA route. If outing ISA trunks, the service route minimum/maximum values must be re-entered.

SCH4787 DSI is not applicable for ISDN routes.

SCH4788 PRI loop is not configured with D-channel (DCHI) to provide B-channels.

SCH4789 ISA route may not be selected.

SCH4790 DTI loop channels cannot be configured for ISA routes or digital ISDN routes with B-Channel signaling for the channels (trunks).

SCH4791 D-CH master header part is NIL.

SCH4792 IFC for DCH/PRA does not match IFC of the route.

SCH4793 Selected Channel is configured for D-channel signaling.

SCH4794 IFC for service route do not match IFC for ISA route.

SCH4795 Trunk TYPE is not allowed with PRI loop.

SCH4796 PRI loop can be moved to PRI loop only.

SCH4797 TDET cannot be defined in a superloop.

SCH4798	Card density (DENS) must be defined. **Action:** Enter SDEN for single SDI ports (on CPU cards), DDEN for two port SDI cards (QPC139), QDEN for four port SDI card (QPC841/NT8D41).
SCH4799	Cannot move or swap data from or to service card (Fiber Interface card) of the superloop. Input card number is service card number.
SCH4800	Input source or destination shelf number is not defined in the NT8D shelf configuration.
SCH4801	Invalid starting target unit (STUN) input.
SCH4802	Source and destination card types are not the same.
SCH4803	Cannot move or swap different source Controllers (NT8D01) to the same destination Controller.
SCH4804	Cannot move different source SD/DD/QD cards to the same destination Controller (NT8D01) with the same starting target unit (STUN) more than once.
SCH4805	Cannot move or swap the same source segment more than once.
SCH4806	Cannot move or swap different source segments to the same destination segment.
SCH4807	No shelf is defined in configuration for this superloop.
SCH4808	Too many cards are currently configured on the source or destination shelf.
SCH4809	Too many shelves are currently configured on the source or destination loop.
SCH4810	Cannot move or swap shelf from SD/DD/QD to superloop shelf.
SCH4811	Starting segment input does not belong to the destination superloop shelf.
SCH4812	No non-service card is defined on the source or destination segment.
SCH4813	Too many cards are configured on the source segment for a move or swap operation.
SCH4814	The input segment number does not belong to the given superloop shelf.
SCH4815	Cannot move off-premise extension (OPX) data to Controller (NT8D01).
SCH4816	Cannot move or swap SD/DD/QD loop data to superloop.

SCH4817	No shelf is defined for both superloops.
SCH4818	No shelf is defined for destination superloop.
SCH4819	No shelf is defined for source superloop.
SCH4820	No shelf is defined for the source or destination superloop.
SCH4821	Cannot move data from Digital Link Interface (DLI) loop to superloop.
SCH4822	Destination segment number needed.
SCH4823	Source card is empty, nothing to move.
SCH4824	Invalid shelf number for Network/DTR (NT8D18) loop.
SCH4825	For Network/DTR (NT8D18 card) loop. Slot 15 is reserved for Digitone Receiver
SCH4826	Cannot move or swap data from superloop to SD/DD/4D loop.
SCH4827	Cannot move or swap SD/DD/QD loop to superloop.
SCH4828	Cannot move or swap card and shelf data of superloop to another superloop in the same move/swap operation.
SCH4829	Cannot move SD/DD/QD card data other than PBX and ISDLC to controller.
SCH4830	Card input does not belong to given superloop and shelf.
SCH5000	Code value is out-of-range (0-9999).
SCH5001	Must respond YES to NFCR prompt before responding YES to IDCA prompt.
SCH5002	This feature is not applicable to New Meridian Modular Telephones.
SCH5003	Message waiting key (MWK/XMWK/RMWK) requires Message Waiting Allowed (MWA) Class of Service. **Action:** Define CLS MWA before configuring MWK/XMWK/RMWK keys.
SCH5004	Message Intercept (MIN) package not equipped.
SCH5005	Cannot OUT a Frequency Cadence (FCAD) entry.
SCH5006	Cannot change an FCAD table without a Conference/TDS/MFS card (NT8D17)
SCH5007	FCAD table entry already exists.

SCH5008 FCAD table entry has not yet been defined.

SCH5009 {CR} is not allowed for new FCAD tables.

SCH5010 A cycle defined to repeat was not defined as a cycle in the cadence field. No changes were made to the FCAD entry as the result of this error.

SCH5011 The number of Tone Codes must match the number of defined cycles in the cadence field. No changes were made to the FCAD entry.

SCH5012 FCAD entries 1 to 15 are reserved for ring tones and can be changed only though MCAD entries 1 to 15.

SCH5013 ACD keys and CCSA Class of Service are incompatible. A set is not allowed to have both.

SCH5014 Your MCAD ON phases must be greater than 13, for the 128 ms ROM configuration. The 96 ms ROM configuration must have a value greater than 9.

SCH5015 The Network/DTR Card software not found on disk.

Action: Get the disk with the proper Network/DTR software version.

SCH5016 The Timed Forced Disconnect timer is not applicable to this route type.

SCH5017 The Release ID for this DCH block was listed as 0 when printing the configuration record. Call Processing will not work with a null value, or value of 0. See prompt RLSID in LD 17.

SCH5018 Cannot move or swap data into TN 0 (loop, shelf, card and unit all equal to 0).

SCH5019 Automatic Answerback (AAK) key or Automatic Answerback Allowed (AAA) Class of Service can only be assigned to digital sets with Hands Free Allowed (HFA) Class of Service. Hands Free Denied (HFD) Class of Service is not allowed when AAA Class of Service or AAK key is defined.

SCH5020 EOD string does not match the length defined in STRL.

SCH5021 Requires IPE package number 203.

Action: Configure IPE package 203.

SCH5022 Maximum Peripheral Equipment density is not octal (8D).

SCH5023 BOSS is not an acceptable response when set is already a Secretary set.

SCH5024 SEC is not an acceptable response when set is already a BOSS set.

SCH5025 Too many input fields in response to SFDN prompt.

SCH5026 The Superloop RAN trunk support only Audichron machine types.

SCH5028 Data cannot be moved from or to PRI/PRI2 loops.

SCH5029 Warning: The service route does not have any dedicated trunks. The trunk members are in associated ISA route.

SCH5030 DIG cannot be defined for this set. Set is already defined with AGTA Class of Service or is configured as an ACD agent set.

SCH5031 Enhanced Hotline Allowed (EHTA) cannot be defined for this set. Set is already configured with AGTA Class of Service.

SCH5032 CCSA cannot be defined for this set. Set is already configured with AGTA Class of Service.

SCH5033 AGTA Class of Service cannot be defined unless ACD package A is equipped.

SCH5034 AGTA cannot be defined for this set. Set is already configured with DIG.

SCH5035 AGTA cannot be defined for this set. Set is already configured with CCSA Class of Service.

SCH5036 AGTA cannot be defined for this set. Set is already configured with EHTA Class of Service.

SCH5037 Define AGTA Class of Service to make set eligible for ACD

SCH5038 Set not defined for ACD.

SCH5039 Already configured with AGTA service. Set can only be defined as a single appearance DN.

SCH5040 Already configured as a multiple appearance DN; set cannot have AGTA defined

SCH5041 The ACD Agent set cannot be changed to an ACD Supervisor set.

Action: To change an ACD Agent set into an ACD Supervisor set:

1. Remove the supervisor reference for that set.
2. Remove the SPID for that Agent.
3. OUT the corresponding AGT key on the Supervisor's set.

SCH5042 The ISDN Signaling Link can only be configured with ISA or TIE routes.

SCH5043 You are not allowed to set up a QTHM for an Inter Attendant call.

SCH5044 **Action:** Use COPY command in LD 10 to define more than one 500/2500 set as an ACD station.

SCH5045 500/2500 sets cannot be used as Virtual Agents.

SCH5046 The In-Band Automatic Number Identification (IANI) route needs to be an auto-terminating route.

SCH5047 A route cannot be defined as both IANI and DNIS.

SCH5048 This ISDN route cannot be configured for In-Band ANI.

SCH5049 An In-Band ANI route cannot support digit insertion.

SCH5051 In-Band ANI routes are STD routes only.

SCH5052 POVR package must be equipped.

SCH5053 CPTA must have WTA (Warning Tone Allowed) Class of Service.

SCH5055 Set already configured for AGTA service; cannot be configured for XHA Class of Service.

SCH5056 Set already configured for AGTA service; cannot be defined with PRMA.

SCH5057 Set already configured with XHA service; cannot be defined with AGTA.

SCH5058 Set already configured with PRMA service; cannot be defined with AGTA.

SCH5059 Set already configured with MCTA service; cannot be defined with AGTA.

SCH5060 An analog route is required.

SCH5061 Warning: The ITG Option was not turned on. It is turned on here.

SCH5062 Stepping to an ISA SERVICE route is not allowed.

SCH5063 The ISAR option cannot be changed to YES, because the trunk has dedicated routes.

Action: Remove all dedicated routes from that trunk.

SCH5064 Dedicated trunks cannot be assigned to an ISA SERVICE route unless the ISAR option is turned off first.

SCH5065 SCL was not the response to the TYPE prompt when REQ was COMP. Only Speed Call lists are estimated. Use SCL for both regular and system speed call.

SCH5066 Disk record availability estimation cannot be performed.

Action: Ensure that a data dump has been executed through LD 43 since the last system reload, and that FTYP has been specified by following the ADAN CHG HDK/FDK 0 sequence in LD 17.

SCH5067 CDN cannot be allowed to have agents.

SCH5068 500/2500 PBX sets used as ACD sets can only have single appearance regular DN.

SCH5069 The number of TNs in the system is greater than the limit. You may need new disks with new TN limits.

SCH5070 The number of ACD Agents/Supervisors in the system is greater than the limit. You may need new disks with new ACD Agent/Supervisor limits.

SCH5071 The number of ACD DNs and CDNs in the system is greater than the limit. You may need new disks with new ACD DN limits.

SCH5072 The number of AST sets in the system is greater than the limit.

Action: To expand, you will need to order new disks with new AST set limits.

SCH5073 CDN cannot be defined for NSV key.

SCH5074 BIMP and TIMP are mismatched. See prompt TIMP in LD 14 for allowed combinations of BIMP/TIMP.

SCH5075 Service not implemented in this IFC.

SCH5076 Warning: Templates are at the limit.

Action: Contact the service representative before proceeding.

SCH5077 Out WATS band number is invalid (only 0 - 9 are valid).

SCH5078 Key 0 cannot be configured as a Wake Up key.

SCH5079 Invalid DN type on key 0 for a Wake Up key. Valid DN types include MCR, SCR, MCN, SCN, PVR, and PVN.

SCH5080 A Wake Up key cannot be configured on a data set. CLS must be for a VCE data terminal.

SCH5081 CLS must be CCSA to configure a Wake Up key.

SCH5082 The Wake Up key must be removed before changing CLS to CCSD.

SCH5083 Input out-of-range 1 - 3 for TAWU (the number of tries for an unanswered Wake Up call.

SCH5084 Peripheral equipment exists on the loop.

SCH5085 ECA Class of Service is only acceptable on 4-wire type E & M trunks or SS7 trunks with proper variant.

SCH5086 The responses EXR0/EXR1/EXR2/EXR3/EXR4 are not allowed if the Executive Distinctive Ring feature package #185 is not equipped. CLS is re-prompted. The response DR DA/DRDD for MMT sets is not allowed if the Executive Distinctive Ringing Package #185 is not equipped. CLS is re-prompted.

Action: Equip Package 185 and re-load if Executive Distinctive Ringing or Distinctive Ringing by DN is required.

SCH5087 Do not use MOV or SWP commands when PRI/PRI2 loops are configured with backup DCH.

SCH5088 SDAL option in LD 15 is only allowed when PRETRNS and SUPP packages are equipped.

Action: Set up SDAC data in LD 18.

SCH5091 CLS ECA is only used on 4-wire E & M trunks.

SCH5092 Flexible attendant Call Waiting Threshold (FCWT) values on the tenant level are set equal to the customer level values.

SCH5093 This trunk does not have MFC Class of Service (LD 16).

SCH5094 The outgoing table's signaling type does not match the incoming signal type [LD 16]

SCH5095 L1 levels 1 through 6 do not exist (LD 94).

SCH5096 You cannot remove the L1 levels 1, 2, or 3 (LD 94).

SCH5097 L1 levels 4, 5, and 6 have been removed (LD 94).

SCH5098 You are trying to use an invalid L1 signaling level (LD 94).

SCH5099 You cannot do that with the L1 package because it is restricted (LD 94).

SCH5100 You cannot allocate PDS for an SS table (LD 94).

SCH5101 L1 levels 1 and 2 must be defined in order to create an L1 table (LD 94).

SCH5102 L1 levels 4, 5, and 6 must be defined (LD 94).

SCH5103 Conflicting table types encountered (LD 94).

SCH5104 That input (CNA, CND) is ignored because it does not match the CCNI in the L1 route block (LD 14).

SCH5105 Removing the MGC Class of Service also removes the L1 CNI option for this trunk (LD 14).

SCH5106 There is no unprotected memory available for changing the UTRKBLK for CCNI.

SCH5113 Language number entered is out-of-range (0) - 5.

SCH5114 Input must be “256” or “384.”

SCH5115 Force Disconnect has failed.

Action: Contact your technical support group.

SCH5116 Remove Wake Up key before changing to a data set.

SCH5117 DRPA/DRPD can only be configured on 2.0 Mb/s DID if SUPP and DTI2 are enabled.

SCH5118 The Virtual Network Services (VNS) package is not equipped.

SCH5119 That Virtual Network Service (VNS) data block already exists.

SCH5120 That VNS data block does not exist.

SCH5121 That DN input for Virtual Network Services is not allowed.

SCH5122 That DN is out-of-range.

SCH5123 c rl rli That D-channel is already being used by the previous customer in Virtual Network Services. Where:

c = Customer number

rl = Route List

rli = Route List index

SCH5124 n	The customer needs more channel IDs for Virtual Network Services (VNS). Required channels are dedicated in LD 79. Where: N = minimum Number of DNs required.
SCH5125	The customer has no D-channel IDs for Virtual Network Services (VNS).
SCH5126	The customer needs more D-channel IDs for Virtual Network Services (VNS).
SCH5127	You are not allowed to put data TNs on a Voice Only ISDLC card.
SCH5128	You are attempting to move a pair of TNs on a Voice Only ISDLC card.
SCH5129	You are attempting to move a pair of TNs on a Voice Only ISDLC card.
SCH5130	The customer number for that Data TN is not the same as the customer number for the Voice TN.
SCH5131	Entering the {CR} is not allowed in response to the PRT or TASK prompts.
SCH5132	The Maintenance threshold must be greater than or equal to the Out-of-Service threshold.
SCH5133	The Maintenance threshold must be less than or equal to the Out-of-Service threshold.
SCH5134	RPA package 187 is not equipped.
SCH5135	Invalid input; RPCD/RPS/RPAX/TBL expected.
SCH5136	Cannot end input with space.
SCH5137	TBL only valid with command CHG/PRT.
SCH5138	RPCD only valid with command NEW/CHG/PRT.
SCH5139	No RPA data exists for this customer.
SCH5140	This system number is used for PSA code(s).
SCH5141	RPCD data already exists.
SCH5142	No RPCD data exists.
SCH5143	No DN-PSA data exists.
SCH5144	CR only valid for PRT command.

SCH5145	System number out-of-range (0-15).
SCH5146	RPS data already exists.
SCH5147	No RPS data exists.
SCH5148	CR only valid for command PRT with RPS/RPAX/TBL.
SCH5149	Invalid input, SPCH, DIAL, or NONE expected.
SCH5150	Cannot change to single if more than system 0 exists.
SCH5151	Invalid input; TAB,TWO,THR, FOR, or NO expected.
SCH5152	Warning: no RPS data found.
SCH5153	Out-of-range (0-20).
SCH5154	Out-of-range (0-120).
SCH5155	Out-of-range (4-30).
SCH5156	Out-of-range (1-7).
SCH5157	Cannot change PSAL when DN-PSA tree exists.
SCH5158	{CR} only valid for CHG command.
SCH5159	Out-of-range (0-630).
SCH5160	Out-of-range (10-630).
SCH5161	Warning: no PSA defined for this system.
SCH5162	Not an FFC DN.
SCH5163	All digits in the DN are not used.
SCH5164	Not an RPAX FFC.
SCH5165	No RPA data for this FFC.
SCH5166	RPA data already exists.
SCH5167	Out-of-range (0-127/511).
SCH5168	Non-existing route number.

SCH5169	Route not set up for RPA.
SCH5170	Route not set up as RAN.
SCH5171	Invalid input; MANU or AUTO expected.
SCH5172	Out-of-range (0-9).
SCH5173	Out-of-range (0-7).
SCH5174	Invalid input; NONE, SPCH, or RNGB expected.
SCH5175	Invalid input; BOTH/INT expected.
SCH5176	Only four characters allowed as RPAX FFC replacement.
SCH5177	Invalid characters, A-Z or 1-9 expected.
SCH5178	Too many digits in PSA code.
SCH5179	No PSA code has been entered.
SCH5180	Too few digits have been entered for the PSA code.
SCH5181	The DN does not exist in the DN-PSA tree.
SCH5182	Invalid input; DNP, UPS, or NPS expected.
SCH5183	Second DN has to be larger than the first DN.
SCH5184	RPS block does not exist.
SCH5185	Warning: no customer with RPCD data.
SCH5186	Warning: no customer with RPS data.
SCH5187	Warning: no RPAX FFC found.
SCH5188	Warning: no RPAX data found.
SCH5189	Warning: no customer with DN-PSA tree.
SCH5190	Warning: no system number found.
SCH5191	Warning: the specified DN was not found.
SCH5192	Warning: no DN found for this system.

SCH5193 Customer not set up to use DN-PSA tree.

SCH5194 No FFC tree for this customer.

SCH5195 Leading space is not allowed.

SCH5196 Corruption in the FFC/DN-PSA tree.

SCH5197 Not allowed to run LD 58 as midnight routine.

SCH5198 This system number is used for RPAX FFC(s).

SCH5199 An invalid internal DN has been entered for the CFW key. The entered DN is either a normal DN, or FFC+DN. The validation is done for both CFXD and CFXA classes of service.

SCH5205 You are trying to include an undefined KLS in the Ringing Change KLS range.

SCH5207 IAMA and IRGA Class of Service cannot coexist.

SCH5208 The COPY command is not allowed for IAMA class telephone sets.

SCH5209 The OUT command is not allowed when IRGA or IAMA Class of Service is defined.

SCH5210 Require EES package 10 to configure a key on an Attendant Console.

SCH5211 Cannot disable AWU feature when RANF trunks are still defined.

Action: Remove trunks and try again.

SCH5212 Cannot disable AWU feature when RAN1 trunks are still defined.

Action: Remove trunks and try again.

SCH5213 Cannot disable AWU feature when RAN2 trunks are still defined.

Action: Remove trunks and try again.

SCH5218 The On Hold On Loudspeaker (OHOL) package 196 is not equipped.

SCH5219 The DN assigned here must be an OHOL unit.

SCH5220 OHOL DN can only have one 2/500 set appearance in DN group.

SCH5221 Set with CLS = SPKA must enter valid Conference loop number on prompt DCLP.

SCH5222 ADL/CFW exceeds the maximum length of the template.

SCH5223 Ringing Change and ACD are not allowed on the same set.

SCH5224 Cannot move or swap 0L1_loop equipment to RPE2_remote_loop.

SCH5225 RPE2 loop must be disabled.

SCH5226 RPE2 loop must be disabled.

SCH5227 Unit types R232 and R422 are only allowed on Superloops.

Action: Define R232 and R422 on a Superloop.

SCH5228 Data port number is out-of-range.

Action: Define R232 and R422 units as 0 - 5.

SCH5229 Invalid feature key assignment.

Action: Refer to key definitions for LD 11.

SCH5230 Data port interface mode does not match the database configuration.

Action: Check data port jumper selection against the database configuration.

SCH5231 Invalid input for this operational parameter. Corrective action depends on the operation attempted.: AUTB, DEM, DLNG, KBD, WIRE or PBDO.

SCH5232 Key 7 is reserved for MSB feature. PBDO feature is currently enabled.

SCH5233 Call Pickup not allowed on Data Access Card (DCA) ports.

SCH5234 No timing Call Register available for parameter uploading.

Action: Repeat procedure and if problem persists contact the system administrator.

SCH5235 Cannot move Superloop data on a customer basis.

SCH5236 Not allowed to move non-Data Access Card units to a Data Access Card.

SCH5237 The characters entered for the ID prompt exceed the range allowed.

Action: Limit the string to no more than 16 characters.

SCH5238 Group list does not exist.

SCH5239 Group list already assigned.

SCH5240 Group Call DN in FFC must be removed first.

SCH5242 In the ICP block, you are trying to remove a TN that does not exist.

SCH5243 Setting the increment value to zero does not change the threshold counter. Your system operation may not tolerate this event.

Action: It is recommended that the increment value be set to a value other than zero.

SCH5244 Setting the decrement value to zero does not change the threshold counter. Your system operation may not tolerate this event.

Action: It is recommended that the decrement value be set to a value other than zero.

SCH5245 Warning: Only the spare loop is left in RPE2 group.

SCH5246 Hospitality package not equipped.

SCH5247 Class of Service MRA required for HSPA.

SCH5248 Class of Service CCSA required for HSPA.

SCH5249 Class of Service HSPA and XFA are exclusive.

SCH5250 Class of Service HSPA and Conference are exclusive.

SCH5251 Class of Service HSPA and multiple appearance directory numbers are exclusive.

SCH5252 Hospitality room set data cannot be modified (or removed) while the room is occupied.

SCH5253 CLS AOS/DOS is only available to sets with CLS SPV.

SCH5254 Hospitality primary DN key must be SCR or SCN.

SCH5255 DTN is required for Fax Server operation.

SCH5256 CAW,FBA, and FNA are not compatible with Fax Server operation.

SCH5257 CFW is not compatible with Fax Server operation.

SCH5259 Branch release failed.

SCH5260 Length of Hospitality Authcode is limited to 4 digits.

SCH5261 DID-DN conflicts with existing one in Hospitality tree.

SCH5262 Another Hospitality tree already exists for this customer.

SCH5263 Data modification is denied while patient is in the room.

SCH5264 MOV command is denied for a Hospitality tree.

SCH5265 All tree branches must be released before an OUT or RPL request can be processed for an Hospitality tree.

SCH5266 Hospitality Authcode must be defined in Authcode table first.

SCH5267 Tree table 0 is not allowed for a Hospitality tree.

SCH5268 The International Supplementary Features (SUPP) package 131 is not equipped.

SCH5269 The UK package 190 is not equipped.

SCH5270 That is an invalid trunk type for XCOT, XDID, or XFEM. Valid trunk types are listed here: XCOT = CO trunks; XDID = DID trunks; XFEM = MUS, PAG, RAN, and TIE trunks.

SCH5272 XUTJ does not support 900 or 1200 Ohm termination.

SCH5273 Input out-of-range for make-break ratio (50 - 70).

SCH5274 Both ND1 and ND2 were included in the capability list for the remote switch. ND1 and ND2 specify the protocol to be used for Network Name Delivery. Only one protocol can be used per interface.

SCH5276 RANF, RAN1, RAN2, LA11 through LA52 cannot be changed during an AWU call. Updates not saved.

Action: Try again after AWU call is finished.

SCH5278 JDID is only valid for Japan DID on XUT.

SCH5279 TYPE must be 2008.

SCH5280 In procedure init_levelblk or traverse_idctree of sccndse2, value of global variable idc_cur_level is invalid. IDC_cur_level must be greater than -1 and less than .idcmaxsize (4 or 7).

SCH5281 In procedure init_levelblk sccndes2, blk_size of current NFCR/IDC block is less than 3. Data may be corrupted.

SCH5283 In procedure in_dcno of sccndse3, idc_no_trees: cdataptr[sccustno] = nil. Use LD 15 and specify the maximum number of idc tree in the customer data block (CDB) in order to create any idc tree in this load.

SCH5285 In procedure in_dcno of sccndse3, input for idc tree number is out-of-range.

SCH5286 Invalid DN type.

SCH5288 In procedure traverse_idctree of sccndse2, a CPND name for idc is found, and therefore the CPND data block cannot be removed.

SCH5289 In procedure in_dcno of sccndse3, the current idc tree is not yet created.

Action: Create idc tree in LD 49 (scfcr).

SCH5290 In procedure a_or_save_1stdgt, L_or_save_dn, check_idc_type, in_dc_idc, range_or_done, or save_dn of sccnd3, invalid or undefined idc input is detected.

SCH5291 In procedure intype of scfcrse2, command rls (release) and rpl (replace) are blocked for idc type.

SCH5292 Type CDN cannot be selected without the EAR package being equipped.

SCH5293 CDN must exist for CHG, OUT or PRT command.

SCH5294 Unable to find a CDN block.

SCH5295 CDN already exists.

SCH5296 ACD data block for CDN must exist. Data corrupted. Do a sysload.

SCH5297 Specify an ACD-DN for the default DN of CDN.

SCH5298 CDN conflict.

SCH5299 A valid local ACD DN must exist for the default ACD DN of the CDN.

SCH5300 Invalid DN type. Must specify an ACD-DN for the default DN of the CDN.

SCH5301 TSFT value is out-of-range (0-510).

SCH5302 This ACD-DN cannot be deleted because it is used as the default DN for some CDNs.

SCH5303 Invalid DN type. Must specify a CDN for the CDN type and an ACD-DN for the ACD or NACD type.

SCH5304 Cannot remove a CDN with calls still in queue.

SCH5305 Cannot define a CDN as OVDN.

SCH5306 Cannot have a Target DN as CDN.

SCH5307 Cannot remove a CDN if a supervisor has a DWC key defined for the CDN.

SCH5308 In procedure copy_tree of scfcrse3, “MOV” command cannot copy CPND names from originating tree to designated tree since the CPND data block for the designated customer is not yet created in LD 95 (sccnd).

SCH5313 Warning: CNTA CLS is only allowed for ACD sets with DN on key 0.
CNTD is used.

SCH5314 A six-digit or 10-digit level screening data is required for a newly defined NPA or NXX, respectively.

SCH5316 The peripheral buffer card is bad, but there is no active call, so the trunk is allowed to be removed.

Action: Replace the peripheral buffer card.

SCH5317 Outing the DCHI used for DPNSS is not allowed until the DDSL block is removed first.

SCH5318 MBG out-of-range 0-65535

SCH5319 MBG1 is reserved for Public Network

SCH5320 BSGC out-of-range 0-65535

SCH5322 MBGS out-of-range 0-65535

SCH5323 NTBL out-of-range 0-63

SCH5324 The addition of the list being created would overflow/fill the estimated remaining disk space. The list is not stored.

Action: Create a smaller (DN or length) list, or delete other PDS equipment, or data dump to reduce the number of records estimated.

SCH5325 Warning: Multi-Language I/O Package, package 211 must be turned on to use a language other than English.

SCH5326 1.5 Mb/s DTI/PRI pad category table does not exist.

Action: Create a pad category table using LD 73.

SCH5327 PRI2 pad category tables cannot be used with DTI2 trunks.

Action: Enter a DTI2 pad category table

SCH5328 Port classification PRI is only allowed for 1.5 Mb/s PRI routes.

SCH5329 International 1.5/2.0 Mb/s Gateway (GPRI) package 167 is restricted.

SCH5330 Code value entered is not allowed for DTI2 trunks. Valid values are: 0,1,2,3,4,5,6,8,10,15,16,17,18,20,25, and 26.

SCH5331 The pad category table specified cannot be used with PRI2 trunks because DTI2 trunks are currently using this pad category table.

SCH5332 Valid DN required for AUDN.

SCH5334 Not allowed to configure different member of the same group or same member of the same group on different keys for same TN.

SCH5335 Trunk install package is restricted.

SCH5336 Invalid input for the trunk model option.

SCH5337 Invalid input character for selecting the trunk model option. Not allowed with autodial DN.

SCH5338 Null input is not allowed for MODL prompt.

SCH5339 Model number is out-of-range (1-127).

SCH5340 Space is not allowed after input is entered.

SCH5341 Space is not allowed before input.

SCH5342 The entered number has been used to define a model trunk.

SCH5345 No default value for new device.

SCH5346 Port must be disabled before changing.

SCH5347 Baud rate invalid.

SCH5348 Analog Private Network Switching System (APNSS) channel ID has reached its limit.

SCH5349	Call forward features are not compatible with FAXS feature. FTR CFW has been removed and/or CLS FNA, FBA, CWA, CFTA, CFXA have been set to FND, FBD, CWD, CFTD, CFXD.
SCH5350	FAXS package is not equipped.
SCH5351	Cannot remove a CDN when it has default calls in its default ACD-DN.
SCH5352	Model ACD sets cannot have a POS ID assigned to a key.
SCH5353	Model sets cannot have a DN assigned to a key.
SCH5354	Model sets cannot be defined with the AINS package unequipped.
SCH5355	Models cannot be defined for this type.
SCH5356	Model sets cannot be moved or copied.
SCH5357	Model number is out-of-range.
SCH5358	Model set already exists.
SCH5359	Model set does not exist.
SCH5360	First Number DN conflicts with an existing DN.
SCH5361	Too many digits in the First Number DN.
SCH5362	Cannot remove an ACD-DN when the ICPM is monitoring it for statistics.
SCH5363	Invalid Attendant Overflow DN type. CDN can not be allowed to be an AODN.
SCH5364	All digits must be in the range 0-7.
SCH5366	Protocol group already exists.
SCH5367	Protocol group does not exist.
SCH5368 x	Protocol group x cannot be removed. **Action:** Remove the DSL associated with this protocol and try again.
SCH5369	Multi-purpose ISDN Signaling Processor (MISP) has already been enabled.
SCH5370	Multi-purpose ISDN Signaling Processor (MISP) does not exist.
SCH5371	Not a PRI/PRI2 loop or card.

SCH5372	I/O polling table is full.
SCH5373	Cannot obtain MSDL/MISP index, table is full.
SCH5374	Warning: B-channel is not configured for packet data transmission.
SCH5375 l ch	This PRI/PRI2 loop or card channel cannot be used for the BD nailed-up connection. The next line can be in a format of either: 1. NO CH AVAIL IN LOOP l, or 2. TRY x If output is format 1, there are no more B-channels available for a nailed-up connection on PRI loop. PRI is re-prompted and another loop can be entered. If output is format 2, channel x is available (enter x at the CH prompt to use this channel).
SCH5376	The number of DSL in the system exceeded the limit.
SCH5377	Card must be disabled for the change request or this is not an MISP card.
SCH5378	This is not an MISP loop.
SCH5379	Maximum of 4 cards allowed per MISP.
SCH5380	Warning: You will not be able to configure DSL7 of this card because D-channel is configured for packet handler.
SCH5381	Must be a superloop.
SCH5382	Card must be disabled and all DSLs must be removed to out the card.
SCH5383	BRI line card already exists.
SCH5384	BRI line card does not exist.
SCH5385	Non BRI card is not allowed.
SCH5386	Must be a DSL TN.
SCH5387	Disable the BRI line card to before configuring its DSL.
SCH5388	All DSLs must be removed to change the card type.
SCH5389	DSL out-of-range (0-7).
SCH5390	DSL data block does not exist.

SCH5391	DSL data block already exists.
SCH5392	B-channel packet data option is not enabled. Must be configured in MISP.
SCH5393	Warning: Make sure the call type matches the DN and TSP.
SCH5394	At least one call type must be defined (VCE, DTA, or PMD).
SCH5395	System contains additional LETIs.
SCH5396	Remove all TSPs before removing the DSL.
SCH5397	Enter three values: LTG, LTN and TEI.
SCH5398	The number of LTIDs in the system exceeded the limit.
SCH5399	Input exceeded the maximum LTEI allowed for this DSL.
SCH5400	The LTEI pair does not exist.
SCH5401	Warning: Make sure MCAL value does not exceed the maximum number of calls for a DSL specified in TSP.
SCH5402	System contains additional TSPs.
SCH5403	BRI DN is not allowed.
SCH5404	MISP loop is not allowed.
SCH5405	BRI SILC/UILC card not allowed. (Monitored set cannot be a BRI set).
SCH5406	Cannot configure this DSL because D-channel is configured for packet handler.
SCH5407	LTID TEI block does not exist.
SCH5408	Must enter TEI to delete.
SCH5409	Must enter call type to delete.
SCH5410	Address translation failed.
SCH5411	This is not a DSL line. Enter the TN of a valid DSL line.
SCH5412	USID map is not defined.
SCH5413	Number of TSPs defined has reached the limit.
SCH5414	TSP is already defined.

SCH5415 TSP does not exist.

SCH5416 USID has not been removed.

SCH5417 TSP does not exist.

SCH5418 At least one SPID must be defined.

SCH5419 SPID has not been defined.

SCH5420 Input has exceeded the maximum allowed SPIDs per TSP.
Action: Specify a maximum of eight SPIDs.

SCH5421 DN input is required.

SCH5422 DNs exceed the allowed limit.

SCH5423 DN block does not exist.

SCH5424 DN does not exist in this TSP.

SCH5425 DN has already been deleted.

SCH5426 Invalid input.

SCH5427 Call Type is not defined in the DSL.

SCH5428 Default DN must be entered.

SCH5429 Warning: No current default DN is defined.

SCH5430 Insufficient memory.

SCH5431 DN tree corrupted.

SCH5432 DN exists and is not a BRI DN.

SCH5433 DN is defined in other TN. Cannot have multiple appearance for BRI DN.

SCH5434 USID does not exist.

SCH5435 SPID has been defined in TSP number.

SCH5436 Input SPID is too long (maximum of 20 characters).

SCH5437 There is no TSP defined with the specified SPID.

SCH5438 Card does not exist in MISP block.

SCH5439 BRI package not equipped.

SCH5440 Loop/Card has already been assigned.

SCH5441 Cannot remove MISP because at least one BRI line card is associated with it.

SCH5442 Cannot move/swap BRI SILC/UILC line card.

Action: Make sure all the DSLs have been removed from the card first.

SCH5443 Customer night DN cannot be BRI DN.

SCH5444 Loop pair is used by an MISP.

SCH5445 BRI DN cannot be a Hot Line DN.

SCH5446 BRI DN cannot be night DN.

SCH5447 Attendant Overflow DN cannot be BRI DN.

SCH5448 x Disconnect dedicated D-channel connection command for the specified MISP has failed. Where: x = loop number for non-Option 11 or card number for Option 11.

Action: Check MISP status.

SCH5449 x Send DSL or line card status command for the specified MISP has failed. Where: x = loop number for non-Option 11 or card number for Option 11.

Action: Check MISP status.

SCH5450 x Parameter download procedure for the specified MISP has failed. Where: x = loop number for non-Option 11 or card number for Option 11.

Action: Check MISP status.

SCH5451 x B-channel dedicated connection to PRI/PRI2 has failed.

SCH5452 x Disconnect B-channel dedicated connection to PRI/PRI2 command has failed.

SCH5453 x Send maintenance pending message to MISP failed. Where: x = loop number for non-Option 11 or card number for Option 11.

SCH5454 Invalid Logical Terminal IDentifier (LTID) input. The combination of both Logical Terminal Group (LTG) and Logical Terminal Number (LTN) having their maximum values (LTG = 15 and LTN = 1023) is not valid.

Action: Use a smaller value for either LTG or LTN.

SCH5455 DSL already exists.

SCH5456 DSL does not exist.

SCH5457 Multi-purpose ISDN Signaling Processor (MISP) must be disabled.

SCH5458 TSP parameters downloading to the MISP failed.

SCH5459 Send DSL status to line card failed.

SCH5460 Group Call group number cannot be a BRI DN.

SCH5461 DN does not exist or is not a PBX or BCS type.

SCH5462 Build D-channel nailed up to MISP loop failed.

SCH5463 B-channel cannot be used for both packet mode data and voice/data.

SCH5491 Bad CPNW configuration: the speed call list specified in the CPNW data block of LD18 is invalid.

Action: Change CPNW block in LD18.

SCH5492 The PINX DN cannot be reached due to one of the following:

1. the configuration is invalid

2. the D-channel has been disabled

3. the local PINX DN is not defined

Action: Check that the network numbering plan is valid.

SCH5493 TCAP or ROSE protocol error for CPNW feature.

Action: Report this problem to your technical support group.

SCH5496 An ACD DN defined for data service access may not be a default ACD DN or a CDN.

SCH5497 Unable to define a new BCHI with IFC=SL1.

Action: To define a new BCHI with IFC=SL1, default at RCVP on the first pass. Enter SL1 at IFC. Make a second pass from DCHI and enter YES at RCVP.

SCH5498 RCVP is set to “yes”, which is only allowed for SL-1 interfaces.

SCH5499 Cannot change. There are Automatic Wake Up calls during this interval which must use this route data block.

Action: Wait until there are no more Wake Up calls before changing this route. If the background terminal is equipped, do a “PR WA MA” command to determine the next free five minute time interval. Note that this command does not list AWU re-tries for the interval.

SCH5500 Input value out of range 0-3.

SCH5501 There can only be one Wake Up Key (WUK) per set. Before moving the WUK key, the existing WUK must be removed (NUL).

SCH5502 MAXT + DCMX cannot be greater than 255.

SCH5503 Response to CTRQ must have 4 digits.

SCH5504 First field of the response to CTAL cannot be longer than 16 digits.

SCH5505 Second field of the response to CTAL is out-of-range (0-1023).

SCH5506 Third field of the response to CTAL is out-of-range (0-4).

SCH5507 ACD stations not allowed MCTA Class of Service unless the EMCT package is equipped.

SCH5508 Same card and port number has been used.

SCH5509 Warning! The entered DCH port may not be supported on your current Option 11 configuration.

Acceptable DCH port numbers are:

NTAK79 (PR12) card - one DCHI on port #1 is available

NTAK93 (PRI) card - one DCHI on port #1 is available

NTAK02 (DCHI/SDI) card - two DCHIs on ports #1 and #3 are available.

Action: If using one of the above cards, restart the overlay and enter an acceptable port number from the above list. If using other cards, proceed only after checking related documentation to confirm that the entered port number is acceptable.

SCH5510 The keycodes entered for modifying the ISM parameters failed the security check

SCH5511 The loop type is out-of-range or not supported.

SCH5512 Warning: the DWC key is defined for a CDN which is not in controlled mode. DWC for a CDN in default mode is meaningless.

SCH5514 This APL-TTY port is configured for the intercept computer feature.

SCH5516 Incorrect response for RGTP. Enter 8 or 16.

SCH5518 BGD package is restricted.

SCH5519 Incorrect TYPE entered when REQ is CHG or PRT.

Action: Re-enter a correct type.

SCH5522 The specified TN is not defined.

SCH5523 A DST port type is not allowed when SAT = NO.

SCH5524 DN xxxx NEW MARP l s c u The current TN is no longer the MARP TN for DN xxxx. The new MARP for DN xxxx has defaulted to TN l s c u.

SCH5525 New TN(s) copied from a TN template with new DNs for the prime DN appearances. The new TNs are MARPs for the new prime DNs. Secondary DNs are copied without retaining MARP designations.

SCH5526 Warning: In printing the DN block for a DN, no MARP or more than one MARP TN was found in the database. Only one MARP should be defined for a DN.

Action: Changing the database is recommended.

SCH5527 X3W trunk requires DID trunk type.

SCH5528 OHAS DN must be a Single Appearance, Multiple Appearance or ACD DN.

SCH5530 The Set Relocation table does not exist; therefore, no operation may be performed on it. The Set Relocation package 53 may not be equipped.

SCH5531 Exactly eight characters must be entered at prompt NTCD.

SCH5532 Exactly six characters must be entered at prompt SER.

SCH5533 Exactly two characters must be entered at prompt COLR and RLS.

SCH5534 Input must be a valid hexadecimal digit (0-9, A-F).

SCH5535 That TN cannot be found in the Set Relocation table.

Action: Print the relocation table to see the valid TNs.

SCH5536 Autodial Timeout (ADLD) cannot be greater than dial tone interdigit timeout for 500 telephones (DIND) or 2500 telephones (DIDT).

SCH5537 Invalid autodial DN.

SCH5538 Invalid response to prompt PSEL.

Action: Enter DMDM or TLNK.

SCH5539 Invalid response to prompt PSDS.

Action: Enter YES or NO.

SCH5540 Invalid response to prompt V25.

Action: Enter YES or NO.

SCH5541 Only OUT or CHG is allowed for TYPE = MTRT.

SCH5542 TRAN must be SYN if PSDS = YES. Enter SYN to TRAN or set PSDS = NO before setting TRAN to ASYN.

SCH5543 No customer or no customer with PREQ option set.

SCH5544 Illegal key word. Should be R232 or R422.

SCH5545 The group number must be input when a configuring a new device. No {cr} without input is allowed.

SCH5546 Illegal key word. Should be DTE or DCE.

SCH5547 Out of memory. Cannot allocate unprotected AML data store.

Action: To free some memory, deallocate I/O devices no longer in use, if they exist.

SCH5548 Out of memory. Cannot allocate protected AML data store.

Action: To free some memory, deallocate I/O devices no longer in use, if they exist.

SCH5549 At least one user type must be defined.

SCH5550 Out of memory. Cannot allocate required SDI memory.

Action: To free some memory, deallocate I/O devices no longer in use, if they exist.

SCH5551	The given user type is not allowed on the MSDL card (i.e., APL, HSL, LSL, are not allowed on MSDL card).
SCH5552	Warning: To use the changed download parameters, must disable and enable the SDI port just modified.
SCH5554	Invalid I/O progress marker detected.
SCH5555	Invalid input for ADAN prompt.
SCH5556	Wrong action entered for ADAN prompt.
SCH5557	Invalid device type for ADAN.
SCH5558	Invalid device type for ADAN.
SCH5559	AML cannot be configured due to package restriction.
SCH5560	DCH cannot be configured due to package restriction.
SCH5561	Invalid I/O device.
SCH5562	No logical number entered for ADAN prompt.
SCH5563	Invalid logical number or invalid I/O device. Example: OUT BDCH x to remove backup D-channel.
SCH5564	Primary DCH must be specified.
SCH5565	Backup DCH already configured for this primary DCH.
SCH5566	No card type given.
SCH5567	Invalid card type for TTY device.
SCH5568	Invalid card type for AML device.
SCH5569	Invalid card type for DCH device.
SCH5570	Backup DCH must be on the same card type as primary DCH.
SCH5571	No device number entered.
SCH5572	No port number entered.
SCH5573	Specified port not available, other ports are available.

SCH5574	No port is available on the specified MSDL card.
SCH5575	Invalid MSDL physical address.
SCH5576	Invalid device number. Could conflict with already existing ADAN device number.
SCH5577	Incorrect number of parameters for ADAN prompt.
SCH5578	Logical application must be disabled.
SCH5579	Physical I/O block pointer corruption.
SCH5580	TTY cannot be configured.
SCH5581	TTY cannot be changed.
SCH5582	Disk cannot be configured.
SCH5583	Disk cannot be changed.
SCH5584	TTY cannot be outed.
SCH5585	TTY is still enabled.
SCH5586	Device must be disabled to be outed.
SCH5587	TTY error.
SCH5589	Cannot out application from MSDL card, as this is the last application. **Action:** Disable the MSDL card has to be disabled.
SCH5590	The number of new logical applications (AML or DCH) has exceeded its allowable system limit.
SCH5591	History File cannot be configured due to package restriction.
SCH5592	History File cannot be configured due to no entry available in the I/O table.
SCH5593	History File does not exist; therefore, cannot use the chg or del command.
SCH5594	Data port out-of-range for MCU. Enter 8-15 on ISDLC cards, 16-31 on DAC cards.
SCH5596	TRAN must be SYNC if PSDS = YES.
SCH5597	BAUD must be 11 or 12 for PSDS = YES.

SCH5598 Operating and system parameters may not be set properly for data option.

Action: Change PSEL or OPE if needed.

SCH5599 Operating and system parameters may not be set properly for data option.

Action: Change PSEL or OPE if needed.

SCH5600 Invalid input for DTAO. Enter MPDA or MCA.

SCH5601 Invalid input for PSEL. Enter DMDM or TLNK.

SCH5602 Invalid input for PSDS. Enter YES or NO.

SCH5603 Invalid input for V25. Enter YES or NO.

SCH5605 Invalid input for HDLC. Enter YES or NO.

SCH5606 MBGS number already assigned to another tenant.

Action: If necessary, use temporary value “MBGS 0” to switch the MBGS.

SCH5607 The route entered is not yet configured; cannot add to a customized CPG. Defaulted to CPG 0.

Action: Configure the route and re-enter.

SCH5608 Input number might be lost due to busy system Input/Output.

SCH5609 (For System Option 11 only) Clock controller must be disabled first.

SCH5610 (For System Option 11 only) The slot number is not a valid DTI/PRI slot. It must be defined in Overlay 17 first.

SCH5611 (For System Option 11 only) Input is conflict with the existing slot defined for secondary clock reference.

SCH5612 (For System Option 11 only) Wrong input field for AUXR prompt. It must be YES/NO or {CR}.

SCH5613 (For System Option 11 only) Invalid input for AUXR prompt.

SCH5614 (For System Option 11 only) The slot number is not a valid DTI2/PRI2 slot. It must first be defined in Overlay 17 under the DTI2/PRI2 prompt.

SCH5615 (For System Option 11 only) Existing clock controller must be disabled first. Primary/secondary reference must be set to freerun.

SCH5616	Primary/secondary clock reference loop must set equal to freerun before changes AUXR prompt to YES. (For System Option 11 only)
SCH5617	Clock slot number out-of-range. (For System Option 11 only)
SCH5618	Must disable the existing clock controller and remove the clock data before doing any clock controller changes. (For System Option 11 only)
SCH5619	Must remove the clock controller data first before delete the digital loop. (For System Option 11 only)
SCH5625	Multiple Appearance data DN is not allowed.
SCH5628	Attendant Forward No Answer (AFNA) package 134 is not equipped.
SCH5629	{CR} not allowed for the prompt NFNA when OPT is changed from DNCA to DNCS, or from DNCS to DNCA.
SCH5630	Must be a DID/TIE DTI trunk.
SCH5631	RVQ feature only applies to SL-1 interface (Release 18 and later).
SCH5633	Input out-of-range: 2-(10)-30 seconds.
SCH5634	Input out-of-range: 4-(5)-10 retries.
SCH5635	DTAD data does not exist.
SCH5636	DTAD data already exists.
SCH5637	Maximum number of digits reached, max is 5.
SCH5638	Maximum number of sequences reached, max is 20.
SCH5639	DTAD sequence does not exist. Cannot remove.
SCH5640	Multi-purposeSerial Data Link (MSDL) package 222 is restricted.
SCH5641	HDTI trunk must have DTN CLS.
SCH5642	There are no FGD blocks configured (for command PRT).
SCH5643	Only one memory card allowed.
SCH5644	768K memory card not allowed. Enter 2M (2 Megabyte).
SCH5645	Memory cannot exceed 4 Megabytes.

SCH5646 Cannot change memory card types from 768K to 2M, or vice versa without a sysload.

Action: Install new memory cards, then do a sysload to auto-configure memory.

SCH5647 MSDL RCAP capability only applies to SL-1 interface and on Release 18 and later.

SCH5648 History file is already configured.

SCH5649 Must enter user type if new D-channel.

SCH5650 Invalid primary D-channel number.

SCH5651 Invalid response for RTS. Enter ON or OFF.

SCH5652 Cannot OUT or CHG that TN. Only entries which resulted from a Modular telephone relocation are eligible for manipulation in LD 50 TYPE = MTRT.

SCH5653 Overlay 45 is not supported for Option 11.

SCH5654 Before setting the SIAA option, you must define the intrusion tone in LD 56.

SCH5655 A value greater than 25 has been entered for the TNDM prompt when the DPNSS package is equipped. The value 25 is used for DPNSS calls.

SCH5656 Invalid user types for this device.

SCH5657 Missing software for DSDL/MSIP or application running on it. Could be MISP, MSDL, BRI, SDI, DCH, or AML.

SCH5658 The card type entered is not valid for MSDL/MISP or application running on it. Valid types are MISP, MSDL, BRII, SDI, DCH, or AML.

SCH5659 Cannot add D-channel packet data option because DSL 7 of the last card associated with the MISP is configured.

SCH5660 Cannot remove B-channel packet data option because at least one associated DSL has a B-channel with PMD call type.

SCH5661 Cannot remove D-channel packet data option because at least one associated DSL has a LTEI pair defined.

SCH5662 For the Meridian 911 package, the TN for the CWNT must be a 500/2500 telephone.

SCH5663 Entered DN does not exist.

SCH5664 Invalid DN type for Nite LDN.

SCH5665 This Nite LDN is not defined.

SCH5666 No is only allowed when all Nite DN's are cleared.

SCH5667 When configuring an MCU trunk, a corresponding voice TN must be configured.

Action: Either "out" the unit in the voice TN or put the MCU trunk on a TN where the corresponding voice TN is empty.

SCH5668 A route used for the BRI packed handler (BRIP = YES) must be a PRI or PRI2 route.

SCH5670 For Primary loop, the slot must be set equal to the clock controller slot number. For secondary loop, the slot must not set equal to the clock controller slot number.

SCH5671 The loop must be set to free run mode or switch the tracking to another reference before entering the changes.

SCH5672 Start arrangement for M911 trunk must be WNK.

SCH5673 For M911 trunks, signaling must be EAM, EM4 or LDR.

SCH5674 For M911 trunks, AUTO DN must be a CDN.

SCH5675 Cannot change a non-Meridian 911 route to a Meridian 911 route.

SCH5676 ACD listptr is nil.

SCH5677 The primary D-channel cannot be removed, unless the backup D-channel is removed first.

SCH5679 Not allowed to change the user from ISLD to PRA or SHA if the D-channel is equipped with backup D-channel.

Action: First remove the backup D-channel. Then change the user from ISLD to PRA or SHA and add the backup D-channel again.

SCH5680 The NEW MISP's application must be disabled for the change request.

SCH5681 Send line card status to MISP failed.

SCH5682 tn l s c u Cannot update MARP TN designation: TN l s c u failed TNTRANS.

Action: Check the status of the TN. MARP TN assignment in the database needs correction later.

SCH5683 MOV or OUT not allowed on a telephone being used as a CWNT of an ACD

SCH5684 Cannot remove a CDN if it is being used as an Auto-terminate DN (LD 23).

SCH5685 The device must be disabled to change a group number.

SCH5686 Cannot remove a CDN if it is being used as an CWNT. Counter should never be negative. Design error has occurred

SCH5687 Wrong extender. Enter 3PE.

SCH5688 Card slot out-of-range (1-13).

SCH5689 CNI port number out-of-range (0-1).

SCH5690 Network group out-of-range (0-4).

SCH5691 SIMM size out-of-range (1, 4, 8, 16).

SCH5692 SIMMs must be entered in order of descending size.

SCH5693 HDK/FDK device types to the ADAN are not permitted on this system type.

SCH5694 Service change is not allowed on this TN since it is currently active on an M911

SCH5695 The flow control option is not available for this user type.

SCH5696 Invalid input entered for this prompt(ALOW/DENY expected).

SCH5697 General Carrier Restriction (GCR Yes) was specified for this route, but no Equal Access toll calls were restricted (both NTOL an d ITOL are set to Allow). Either set GRC to NO or set one, or both of the Equal Access toll call sequences (NTOL an d ITOL) to Deny.

SCH5698 Equal Access call restriction was specified for this route (EQAR Yes), but a restriction type was not selected (GCR and SCR are both No).

Action: Either set EQAR to No, or set one, or both of the restriction types (GCR and SCR) to Yes.

SCH5699 Equal Access call restriction was specified for this route (EQAR Yes), but a restriction type was not selected. (General Carrier Restriction was not activated (GCR No) and Selective Carrier Restriction (SCR) is not available because the NFCR package is not enabled).

Action: Either set EQAR to No, or set GCR to Yes.

SCH5700 Warning: Table 0 has been configured for this card by default. Verify Table 0 in LD 97 contains the desired parameters for dial tone detection.

SCH5701 XTD Table has not yet been defined in LD 97.

SCH5703 Configure a DCH block for DPNSS in the LD 17 first.

SCH5704 A maximum of 16 characters are allowed for DES.

SCH5705 Input does not match the existing value of DES. Existing DES is not changed.

Action: To remove a DES, enter “X” followed by the exact characters of the existing DES.

SCH5706 Input number of characters does not match the existing value of DES. Existing DES is not changed.

Action: To remove a DES, enter “X” followed by the exact characters of the existing DES.

SCH5707 DES value already exists.

Action: To change a DES, you must remove the current DES first. To remove a DES, enter “X” followed by the exact characters of the existing DES.

SCH5708 This Primary Rate Interface B-channel is used for a connection between Basic Rate Interface and a packet handler.

Action: Remove the relationship in LD 27 first.

SCH5710 XSM is not allowed to be enabled for an active TTY.

SCH5711 Default XTD Table (Table 0) cannot be removed.

SCH5712 Table cannot be removed because it is configured for an XTD card.

Action: Change XTD card configuration in LD 13 before removing Table.

SCH5713 Warning: Make sure that this XTD Table is not defined in any Route Data Blocks.

SCH5716 Warning: ARF is not allowed with BAT or LBS. Class of Service has been changed to ARF XBAT XLBS.

SCH5717 Warning: BAT is not allowed with ARF or LBS. Class of Service has been changed to BAT XARF XLBS.

SCH5718 Warning: LBS is not allowed with BAT or ARF. Class of Service has been changed to LBS XBAT XARF.

SCH5719 The XDID/EAM parameters may not be changed while the unit is busy.

SCH5720 Service loop (CONF, MFS, TDS, or XCT) cannot be added because the maximum number of service loops already exists.

To add an XCT one of the TDS, MFS, or CONF loop service limits may be exceeded. In Release 14 the maximum number of service loops allowed is 15. In Release 17 the maximum number is 16. In Release 18 the maximum number is 64.

SCH5725 Invalid Controller number (out-of-range or undefined).

SCH5726 Cannot print an undefined Controller.

SCH5727 Cannot delete an undefined Controller.

SCH5728 Cannot delete a Controller that is not empty.

Action: Remove TN assigned to superloops associated with this Controller first.

SCH5729 No free Controller available.

SCH5730 Location cannot have more than 6 characters.

SCH5731 Media must be COP (copper).

SCH5735 Remove all TNs assigned first.

SCH5738 Superloop number must be multiple of 4.

SCH5739 Cannot define that superloop. Some internal loops already exist as regular loops.

Action: Remove all TNs and route numbers for the four loops higher than the new superloop. For example, to add superloop 4, old loops 4, 5, 6, and 7 must be undefined.

SCH5740 Cannot print a new superloop.

SCH5741 Cannot delete a new superloop.

SCH5742 Superloop number is out-of-range (0-156).

SCH5743 Cannot remove a superloop that is not empty.

Action: Remove all TNs assigned to this superloop first.

SCH5744 Wrong number of input fields for the prompt SLOT.

Action: Enter LEFT or RIGHT.

SCH5745 Invalid keyword for the prompt SLOT.

SCH5746 Cannot delete XPE0 for a new superloop. XPE0 does not exist.

SCH5747 Cannot remove undefined XPE0.

SCH5748 Cannot remove XPE0 that is not empty.

Action: Remove all TNs assigned to this Controller.

SCH5749 Wrong number of inputs for the prompt XPE0.

Action: Enter Controller number (0-95), starting segment (0-3), and ending segment (0-3).

SCH5750 Peripheral number is not defined or out-of-range.

SCH5751 XPE0 cannot have the same number as XPE1.

Action: Remove XPE1 first.

SCH5752 Existing XPE0 is not empty.

Action: Remove all information in order to change the Controller number.

SCH5753 Input segment number is out-of-range (0-3).

SCH5754 Another superloop already exists within the segments.

SCH5755 Starting segment number must be smaller than ending segment number.

SCH5756 Cannot remove segments that are not empty.

Action: Remove all TNs assigned to this superloop.

SCH5757 {CR} is not allowed for the input. XPE0 has been deleted and XPE1 does not exist.

SCH5758 Define XPE0 or XPE1 for a superloop.

SCH5759 Cannot remove XPE1 from a new superloop. XPE1 does not exist.

SCH5760 Cannot remove undefined XPE1.

SCH5761 Cannot remove XPE1. XPE0 has been removed. Need information for XPE0 or XPE1.

SCH5762 Cannot remove XPE1.

SCH5763 Wrong number of input field for the prompt XPE1.

Action: Enter Controller number (0-95), starting segment (0-3), and ending segment (0-3).

SCH5764 XPE1 cannot be the same as XPE0.

SCH5765 Existing XPE1 is not empty.

Action: Remove all information in order to change the Controller number.

SCH5767 Input value is out-of-range.

SCH5768 Invalid input for prompt DTMF.

SCH5769 Invalid input for prompt P10P.

SCH5770 Invalid input for prompt S10P.

SCH5771 Invalid input for prompt 20PP.

SCH5772 Invalid input for INTN. Enter YES for A-law, NO for µ-law.

SCH5773 Allowed values for quiet code are 0-3.

SCH5774 Input out-of-range for maintenance thresholds, Allowed values are 1-65532. CONT is the number of continuity faults per timeslot and CRCF is the number of CRC failures per cable.

SCH5775 Input out-of-range for flash timer. FLSH can be 45-768 ms.

SCH5779 Both destination TNs must be unoccupied.

SCH5780 TN cannot be 0 0 0 0.

SCH5781 Card number for this superloop is invalid.

SCH5782 Cannot change card density for superloops.

SCH5783 SL-1 set cannot be located in a superloop.

SCH5784 Cannot move a pair when source TN is not a digital set.

SCH5785 Cannot move a pair when one of the TNs does not exist.

SCH5786 Superloop does not exist.

SCH5787 Invalid trunk for Universal Trunk or E & M Dictation Trunk. Conflict with one trunk type has already been defined.

SCH5788 1200 Ohm termination impedance applies only to RAN trunks.

SCH5789 LST is not allowed for JCO in XTRK.

SCH5790 1200 Ohm termination impedance should be used for RAN trunks in Universal Trunk.

SCH5791 10PPS2 is for Universal Trunk or E & M Dictation Trunk only.

SCH5792 Code-a-Phone is not allowed on Controller RAN trunks.

SCH5793 Superloop number is not allowed for busy lamp field array.

SCH5794 Cards 10 to 14 are invalid for Network/DTR/XMFC Card array.

SCH5795 Shelf number is not defined for this superloop.

SCH5796 TN 0 0 0 0 is not allowed. Use this TN for DTR/XMFC.

SCH5797 TDET cannot be defined in a superloop.

SCH5798 Card density (DENS) must be defined.

Action: Enter SDENS for single SDI ports (on CPU cards), DDEN for two port SDI cards (QPC139), QDEN for four port SDI cards (QPC841/NT8D41).

SCH5799 Superloop must be disabled before removing.

SCH5803 CPU number out-of-range (0-1).

SCH5804 The specified CNI port is in-service.

Action: Disable the CNI port before changing it.

SCH5805 The specified group is configured for other CNI port.

SCH5806 The specified slot is configured other than as CNI.

SCH5807 Slot already exists for other card.

SCH5808 Error occurred in printing CINV.

SCH5809 TSA and ASA class of service are mutually exclusive.

SCH5810 Yellow alarm pattern of FDL can only be specified for ESF framing format. The software automatically enters YALM = DG2.

SCH5812 Cannot delete DNCO, still in use.

SCH5813 A USR key cannot be configured on a data set (CLS DTA).

SCH5814 A set cannot have USR key with USRD Class of Service.

SCH5815 Terminal's Ringing Cycle Option (RCO) was reset from {old RCO} to default value 0, because the CLS was changed to FND and MWD.

SCH5816 Warning: PBXT test scheduled for automatic execution in the daily routines

SCH5817 CONF loops can only be defined on loops 29, 30 & 31 for Option 11.

SCH5818 Cannot define CONF loop on loop 31 if only 1 cabinet defined.

SCH5819 The VAS is in use in the customer data block under the VSID prompt.

Action: Delete the VAS from LD 15, then remove it from LD 17. To clear the VAS, use LD 15, and go to the VSID prompt.

SCH5820 The VAS ID is in use by a CCR, Meridian Link, or Data application.

Action: Remove the VAS by using LD 23, then delete the VAS from LD 17.

SCH5821 The VAS ID is in use by the teleset-messaging.

Action: Remove it in LD 23, then delete it from LD 17.

SCH5822 The VAS ID is in use by the teleset-status.

Action: Remove it in LD 23, then delete it from LD 17.

SCH5823 The VAS ID is in use by the CCR, or the Meridian Link application.

Action: Remove it in LD 23, then delete it from LD 17.

SCH5824 The VAS does not exist.

Action: First create the VAS in the LD 17, then use it in LD 15.

SCH5825 This loop cannot be removed until its associated DDSL has been removed first.

SCH5826 Cannot change or print the Class of Service MREA/MRED in the TN block without the option enabled in LD 15.

Action: Enable NMDR/DMDR in LD 15 before attempting the change.

SCH5827 Cannot assign a greater value to NMDR than to CFNA. Cannot assign a greater value to DMDR than to DFNA. Need to assign a value that is less than the value of CFNA or DFNA.

SCH5828 ARP only authorized for CO Trunks.

SCH5829 Maximum Dial Pulse time has to be greater than Minimum Dial Pulse time.

SCH5830 You cannot delete, add, and change a loop at the same time.

SCH5831 TSA not allowed while FTR = PHD. XFA prerequisite.

SCH5832 BPO type not allowed for XEM.

SCH5833 ARP only authorized for COT trunk.

SCH5834 Maximum Dial Pulse Time has to be greater than the minimum Dial Pulse Time.

SCH5835 Minimum Hook Flash Time has to be greater than the minimum Dial Pulse Time.

SCH5836 Access code contains an invalid character.

SCH5837 XPE package 203, SUPP package 131 or both packages are restricted.

SCH5838 No predefined table or customized table has yet been built for B34 Static Loss Plan. This is a prerequisite for B34 Dynamic Loss Switching.

Action: Configure a table for B34 Static Loss Plan (TTYP = STAT) before configuring a table for B#$Dynamic Load Switching.

SCH5839 **Action:** Contact system distributor to request the LAPW package; otherwise, log into the system using appropriate password which is authorized for changes to “configuration data”, or contact system distributor to have this data updated.

SCH5840 When entering a customized Static Loss Plan Table (Base Level Table) or a customized Dynamic Loss Plan Table (Alternative Level Table), {cr} will not be allowed if a table has not been previously installed.

Action: Enter all values for Rx and Tx or begin the command over and install a standard Predefined table, then customize a few values as required.

SCH5841 Wrong number of parameters have been entered.

Action: Enter two values, one for Rx, and the second for Tx (or enter {cr} only) for all port types except RANR and PAGT. Enter one value for RANR (Rx) and PAGT (Tx), or enter {cr} only.

SCH5842 B34 Dynamic Loss Switching is disabled. B34 Codec Static Loss Downloading is now in effect.

Action: Enter two values, one for Rx, and the second for Tx (or enter {cr} only) for all port types except RANR and PAGT. Enter one value for RANR (Rx) and PAGT (Tx), or enter {cr} only.

SCH5843 The Table Number value entered is out-of-range.

Action: Enter a Table Number within the range, [1-25] for STYP, and [1-2] for DTYP.

SCH5844 The coded Relative Input/Output Level (Rx or Tx) value is out-of-range.

Action: Enter correct ranges as follows: Rx - (0 - 31)Tx - (8 - 39)

SCH5845 Cannot change number of AOMs because it deletes the BFS key.

Action: Remove BFS key first.

SCH5846 You answered YES to the DITI prompt, but the DID to TIE package 176 is equipped. DID to TIE calls are restricted by the DID to TIE package.

SCH5847 CNI slot 8, port 0 cannot be changed or deleted.

SCH5848 The specified application is not configured on this MISP.

SCH5849 BRI trunk types can only be TIE, COT, and DID.

SCH5850 Cannot change these parameters without disabling all associated BRI trunk members.

SCH5851 Interface type not valid for Basic Rate. This message indicates that the IFC trunk entered does not support Basic Rate trunks.

SCH5852 Cannot out BRIL application without disabling the application.

SCH5853 Cannot out BRIL application without outing all the associated DSLs.

SCH5854 The specified route is not a BRI route.

SCH5855 BRIT package is not equipped.

SCH5856 The new MISP for this card does not have BRIL configured, but there is a BRIL DSL on this card.

SCH5857 BRI route is not allowed if a BRI Route Packet Handler exists.

SCH5858 PRI is not supported if the DTI2 package and the PRI2 package are not equipped.

SCH5859 A DSL trunk in NT mode must be associated with a route on NET side.

SCH5860 Protocol group cannot be removed. Remove the route(s) associated with this protocol and try again.

SCH5861 Cannot out BRIT application without disabling the application.

SCH5862 Cannot out BRIT application without outing all the associated DSLs.

SCH5863 The new MISP for this card does not have BRIT configured, but there is a BRIT DSL on this card.

SCH5864 BRIL package is not equipped.

SCH5865 ISDN option needs to be configured in the Customer Data Block before a BRI route can be configured.

SCH5866 Either the BRIL or the BRIT package needs to be equipped.

SCH5867 Line card is not a BRI SILC line card.

SCH5868 {cr} is not allowed at TNUM prompt.

Action: Enter a Table Number within the range, [1-25] for STYP, and [1-2] for DTYP.

SCH5869 Line card must be SILC for Numeris DSL.

SCH5870 Warning: Another device is configured on the same card.

Action: Change the group number as well.

SCH5871 Warning: There may be other devices on the QSDI card.

Action: Be sure the group number corresponds.

SCH5872 NPID table does not exist.

SCH5873 The NPID type cannot be entered because M911 package 224 is not equipped.

SCH5874 NPID table already exists.

Action: Use CHG command.

SCH5875 NPID table does not exist.

Action: Use NEW command.

SCH5876 M911_NPID_MHPTR is Nil.

SCH5877 NPID table out-of-range (0-7).

SCH5878 All applications on the MSDL card are affected by the group number change.

SCH5879 The Filter trigger entered is identical to an Exception trigger, or the Exception trigger entered is identical to a Filter trigger.

Action: Enter a different string or change the other Filter/Exception string.

SCH5880 The mnemonic entered is invalid.

Action: Check and re-enter the desired mnemonic.

SCH5881 The error code entered is invalid. Valid characters are 0-9 and + (plus sign).

Action: Check and re-enter a valid character.

SCH5882 The SUPPRESS threshold cannot be less than the ESCALATE threshold.

Action: Check and re-enter the desired threshold.

SCH5889 Entered a number outside of the range allowed for the parameter for NEW and CPY commands in LD 18. The valid range is 1-100.

Action: Re-enter the NEW or CPY command with a new parameter between 1 and 100.

SCH5890 Available memory is below the minimum allowed when trying to add multiple speed call lists at once using the NEW and CPY commands in LD 18. Minimum is 2048 words.

Action: Create the Speed Call lists one at a time, or free up additional memory.

SCH5891 With X11 Release 19 and later, use one of the following formats for DN block printing:

1. multiple DNs may be printed by listing them at the DN prompt using commas to separate the individual DNs

2. a range of DNs may be entered using a dash between the starting and ending DNs

SCH5892 Tried to disable B34 Static Loss Plan Download (SLPD) feature while B34 Dynamic Loss Switching (DLS) is still enabled. B34 SLPD not disabled.

Action: Disable B34 DLS before disabling B34 SLPD.

SCH5893 BIMP value not apply to XUT.

SCH5894 1200 OHM Termination impedance not apply to EXUT.

SCH5895 Cannot select PSP/PIP without MR feature ON.

SCH5896 DWC key's DN does not match the ACD DN of the queue the agent is in.

SCH5897 AWC key is already defined for this agent.

SCH5898 DWC key is already defined for this agent.

SCH5899 The appropriate DSL on this card (DSL #0 for PREF or DSL #1 for SREF) must be a trunk DSL.

SCH5900 The appropriate DSL on this card (DSL #0 for PREF or DSL #1 for SREF) is not provisioned for a clock source.

SCH5901 Either no card exists in this slot, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5902 Either the card in this slot is not a BRI SILC line card, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5903 Either DSL #1 in this slot is not a trunk DSL, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5904 Either DSL #1 in this slot is not provisioned for a clock source, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5905 The appropriate DSL on this card (DSL #0 for PREF or DSL #1 for SREF) is not configured.

SCH5906 Either DSL #1 in this slot is not configured, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5907 The clock on this DSL is referenced in the Digital Data Block.

Action: This reference must be removed in LD 73 before the mode can be changed to NT.

SCH5908 The clock on this DSL is referenced in the Digital Data Block.

Action: This reference must be removed in LD 73 before the CLOK can be changed to NO on this DSL.

SCH5909 The asterisk (*) is not a valid entry for this prompt.

SCH5910 Cannot remove or change a 500 telephone if its DN is equal to ALDN of the CDB.

Action: You must remove or change ALDN first.

SCH5911 The Move function for the entered card input is temporary denied due to SET/TRK installation/relocation is in process. The Move function will be permitted as soon as the installation/relocation process is completed.

SCH5912 NPD ID out-of-range (0-9).

SCH5913 Invalid NPA format.

SCH5914 Invalid response to TRMT prompt. Valid responses are NONE, TEST, FAIL, NPA, or {CR}.

SCH5915 Type of NPID allowed only if M911 package 224 is equipped.

SCH5916 {CR} not allowed as valid input for IDTB prompt for NEW command.

SCH5919 The clock on this DSL is referenced in the Digital Data Block.

Action: This reference must be removed in LD73 before the DSL can be outed.

SCH5923 LAPW is not allowed without Multi-User Login (MULTI_USER) package 242.

SCH5924 Duplicate login name entered.

SCH5925 Login name must be defined when LNAME_OPTION is YES.

SCH5926 The clock on this DSL is referenced by the DTI2/PRI2 system data.

Action: This reference must be removed in LD 73 before the mode can be changed to NT.

SCH5927 The clock on this DSL is referenced by the DTI2/PRI2 system data.

Action: This reference must be removed in LD 73 before the CLOK can be changed to NO on this DSL.

SCH5928 The clock on this DSL is referenced by the DTI2/PRI2 system data.

Action: This reference must be removed in LD 73 before the DSL can be outed.

SCH5929 DTI package is restricted.

Action: If the BRIT package is equipped, enter TYPE = DTI2 or TYPE = PRI2.

SCH5930 The slot number is not a valid DTI/PRI/MISP slot.

SCH5931 The slot number is not a valid DTI2/PRI2/MISP slot.

SCH5932 This MISP is referenced as a clock controller in the Digital Data Block.

Action: This reference must be removed in LD 73 before the MISP can be outed.

SCH5933 This MISP is referenced as a clock controller in the DTI2/PRI2 system data.

Action: This reference must be removed in LD 73 before the MISP can be outed.

SCH5934 Answer supervision is selected and you cannot configure MR feature.

Action: Go to LD 14 to reset answer supervision.

SCH5936 The CWNT package must be enabled to assign CWNA Class of Service to a telephone.

SCH5937 The M911 Package must be enabled to assign USMA Class of Service to a telephone.

SCH5938 The requested change cannot be processed because the route would be changed to USR side, but there are NT mode DSL members on this route.

Action: NT mode DSLs must be on NET side.

SCH5939 This is not an SILC card. This slot is valid input only for SILC clock references.

SCH5941 That feature is not included in this package.

SCH5942 Autobaud overwrites configured baud rate.

SCH5943 x y MSDl SDI function conflicts with user type, the PARM setting or the BITL setting. The first conflicting pair is shown. Where:

x = user type (e.g. APL, PMSI); DCE if MOD is specified; BITL if LME is specified

y = MSDL SDI function (e.g. LME, ABD)

SCH5944 DTE must be specified for a PRT device.

SCH5945 MSDL SDI package is not equipped.

Action: Redefine the TTY/PRT on a non-MSDL SDI port.

SCH5952 Cannot have more than one CSL for CCR VAS ID.

SCH5953 Cannot take out CSL link that has a reverted DN.

SCH5956 Cannot add Vas ID that has more than one link to a cdn.

SCH5957 At least one TRF user must be defined for a TTY or the History File.

SCH5958 The primary PMSI port was removed in LD 17 (ADAN OUT xx). The re-transmission, polling, and message monitoring will not be serviced.

SCH5959 That port number is either undefined, or not a PMSI port.

SCH5960 The input is beyond the allowed range for the PMCR prompt. The allowed range is 5 to 250 or 25 percent of total system Call Registers, whichever is less.

SCH5961 Either the Ack timer (XTMR), or Polling timer (PTMR) is outside the range. The allowed ranges are XTMR = 0-6 and PTMR = 0-31.

SCH5962 The number of re-transmission (XNUM) is outside the allowed range. The accepted range is 0-4.

SCH5963 The polling Call Register was not allocated during wrap-up time in LD 17.

SCH5964 The number of PMCRs will be recalculated because the number of system Call Registers was reduced.

SCH5970 MFX Class of Service requires a DID trunk.

SCH5971 MFX Class of Service requires a IAO trunk.

SCH5973 A link is removed from a Vas ID that is defined for one or more CDN.

Action: Provide a new link.

SCH5974 Timer T2 should be smaller than T1.

SCH5975 Timer T3 should be greater than T1 when T3 is not zero.

SCH5976 Cannot remove the protocol group because at least one MPH network interface or TSP refers to it.

Action: Remove the association of the protocol group from the MPH network interface or the TSP.

SCH5977 Meridian 1 Packet Handler package not included.

SCH5978 DNA/NTN does not exist in the table.

SCH5979 DNA/NTN already exists in the system.

SCH5980 The input TN has been used by another network interface.

SCH5981 MPH maintenance B channel time slot request failed.

SCH5983 DNA table does not exist.

SCH5984 DNA table already exists.

SCH5986 DNA/NTN has too many digits. NTN maximum size is 10 digits, or DNA maximum is 14 digits.

SCH5987 Local DNA tables overflow. NTN of TSP (USID) DSL (TN) will not be in the local tables.

SCH5988 NTN does not exist in any DNA table associated with the MPH, or MPH network interface.

SCH5989 DNA table overflows.

SCH5990 Only MPHI and OPE can be easy changed when MPHI = Yes.

SCH5991 The input TN is used by D-channel packet data.

SCH5992 The input MPH loop does not exist.

SCH5993 Invalid entries for the LCN range

Action: Enter the lowest LCN first, then the highest.

SCH5994 Invalid order of LCN range selection. The lowest LCN has to be larger than the highest LCN of any configured LCN ranges.

SCH5995 Cannot use this NTN because it is associated with a TSP.

SCH5996 The input DNA table is used by another MPH network interface or another MISP.

SCH5997 Exceed the maximum number if B-channel connections.

Action: Enter another available MPH loop number.

SCH5998 DSL B channel call type is not IPD.

SCH6000 NTN is not associated with a TSP.

SCH6001 This LCN is not within the PVC range defined for the MPH network interface.

Action: Check the range again and re-enter an available LCN.

SCH6002 The network interface is not configured for this MPH.

SCH6003 Not a MPH loop.

SCH6004 PVC connection does not exist.

SCH6005 Cannot remove this MISP because there is a PVC associated with it.

SCH6006 The PVC connection is enabled only if the associated TSPs and network interfaces are enabled.

SCH6008 The DNIC of the table is different from the MPH DNIC.

Action: Enter another DNA table number.

SCH6009 The input MCU has been used by another MISP.

SCH6010 Cannot change the DNIC of a DNA table.

SCH6011 The MPH application does not exist.

SCH6012 Send maintenance pending message to the MPH application of loop X failed.

SCH6013 The MPH application must be disabled.

SCH6014 Cannot add ISDN BRI to the Dedicated MPH.

SCH6015 The MCU had been referenced by another network interface.

SCH6016 The input MCU has no MPHI option.

SCH6017 Cannot change the IPD call type because a TSP is using B channel for MPH.

SCH6018 Superloop must be entered as a multiple of 4.

SCH6020 Exceed the maximum number of supported DNA tables for a network interface.

SCH6024 Invalid operation for TCON.

SCH6025 Cannot change the TSP NTN because it is associated with a PVC connection.

SCH6026 The tandem connection does not exist.

SCH6027 The MPH network interface does not exist.

SCH6028 Cannot change the DNIC because the MISP is associated with a TSP.

SCH6029 The input TN is not an MCU.

SCH6030 The MPH network interface must be disabled.

SCH6031 The input TN is not an M2008 telephone.

SCH6032 A Meridian Packet Handler interface with MCU cannot be changed to a non-MPHI MCU if the connection still exists in the software.

Action: Remove the connection in LD 27.

SCH6033 The DSL must be disabled before changing the call type IPD or PMD.

SCH6034 The terminal must be disabled.

SCH6035 Cannot remove the TSP because it is part of an existing PVC connection.

Action: Remove the PVC connection and try again.

SCH6036 TN TRANS fails on MCU.

SCH6037 Cannot add or change TSP for B-channel. The call type is not IPD, or the associated DSL has TSPs configured for all B-channel packet data with MPH.

SCH6041 Exceed the maximum number of nailed-up connections with BRSC and/or MPH.

SCH6042 Old NTN is not defined in local or DNA table.

SCH6043 The selected LAPB protocol set group does not exist.

SCH6044 The selected X25P protocol set group does not exist.

SCH6045 Only two input fields are allowed.

SCH6046 Must enter a number to delete.

SCH6047 Illegal shelf entry for the MCU.

SCH6048 Input exceed the maximum limit of the D-channel TSP for the associated MPH.

SCH6049 This TEI has been used by another TSP of the DSL.

SCH6050 DNIC must have four digits.

SCH6052 Must enter NTN number to delete.

SCH6053 The DNA table is empty. It requires at least one NTN number.

SCH6054 The application option must be BRI Line.

SCH6055 The DSL must be disabled in order to change the MPH loop.

SCH6056 The NTN range is 2 to 32.

SCH6058 Disconnect BCH nailed-up connection failed.

SCH6059 The highest NTN input has more than 10 digits.

SCH6061 Cannot change the state of the network interface(s).

SCH6062 MCU cannot be a BRI card.

SCH6063	Illegal card entry for MCU.
SCH6064	Illegal unit entry for MCU.
SCH6065	This MISP has network interface(s) associated with it.
SCH6066	The old MPH link interface is not disabled.
SCH6067	This MISP has D-channel terminal(s) associated with it.
SCH6068	Cannot add MPH application to this MISP. There is a BRSC associated with it.
SCH6069	This MISP has B-channel terminal(s) associated with it.
SCH6070	This MISP has dedicated connection(s) with BRSC and/or MPH.
SCH6071	The input DNA table does not exist in any network interface.
SCH6072	Cannot remove this DNA table because it is referenced by a PVC.
SCH6073	The reference DNA table does not exist.
SCH6074	Cannot remove link from a Vas ID that is defined for one or more CDN at the ADAN prompt.
SCH6075	Cannot add a Vas ID that has no link to a Control DN.
SCH6076	You cannot use an international interface for the ISA route.
SCH6077	No TTY logical # is entered for STA administration terminal.
SCH6078	No TTY logical # is entered for STA administration terminal.
SCH6079	The STA administration terminal is not on MSDL.
SCH6080	Disable the TTY before configuring as the STA administration terminal.
SCH6081	User types PMS, ACD, APL, HSL & PRT are not allowed on the TTY as the STA administration terminal.
SCH6082	One of the ports allocated for STA application is already used by other MSDL application.
SCH6083	Since this TTY is configured with an STA application, it cannot be removed until the STA is removed.
SCH6084	STA administration port cannot be removed using X.

SCH6085 Unable to use changed parameters.

Action: To use the changed parameters, enable the STA application modified to download.

SCH6086 Cannot allocate protected or unprotected memory for STA configuration.

SCH6087 That TTY has already been configured with another STA application.

SCH6088 Remove nonexistent port(s).

SCH6089 The MSDL package, BRIL package or, BRIT package needs to be equipped.

SCH6090 The system has automatically reset DLTN to NO because AUTO is equal to YES (auto terminated).

SCH6092 The M911 Package 224 must be equipped to accept USMA/USMD Class of Service.

SCH6093 The CWNT Package 225 must be equipped to accept CWNA/CWND Class of Service.

SCH6094 CDR NEW package is not equipped.

SCH6095 The Alarm table is full. No new entries can be configured until some existing are deleted.

SCH6096 The Alarm table is empty. You cannot use the delete command for an empty table.

SCH6097 A digital telephone must have CWNA Class of Service to be used as a Call Waiting Notification TN.

SCH6098 The MPH application of the input MPH loop is in waiting state.

Action: Wait for the application to be uploaded or downloaded. Disable the MPH application.

SCH6100 Failed TN TRANS.

SCH6101 Protected loop pointer is NIL.

SCH6102 Not a valid PRI loop.

SCH6103 Either that channel is already used, or it is not a Packet Data channel.

SCH6104 The route is not configured for Packet Data.

SCH6105 Not configured for TCON.

SCH6106 The outgoing TN is the same as the incoming TN.

SCH6107 The system nailed-up list is full.

SCH6108 The BRI application running on this MISP can only support 3 line cards.

SCH6109 There is more than 1 B-channel configured in the system. Non-dedicated Meridian Packet Handlers can only support 1 B-channel interface.

SCH6110 Cannot change this MISP to a dedicated MPH because there is (are) line card(s) associated with it.

SCH6115 The new MISP cannot accommodate all D-channel numbers from the associated line card.

SCH6116 The new MISP has different characteristics than the old MISP.

Action: Check DPSD and MPHC prompts.

SCH6117 The dedicated MPH can not associated with any line card(s).

SCH6118 PVC connection exists.

SCH6119 DNAT database download failed.

SCH6120 This LCN has been used.

SCH6121 CHG request is not allowed for PVC connection.

SCH6122 This LCN is not defined for the associated TSP.

SCH6123 PVC download failed.

SCH6124 MPH maintenance D-channel time slot request failed.

SCH6125 B-channel TN cannot be located in MPH block.

SCH6126 Free B-channel slot cannot be located in MPH block.

SCH6127 Cannot change the MPH loop because TSP still associated with this MPH.

SCH6128 Cannot get NWIF state.

SCH6129 MPH maintenance network interface time slot request failed.

SCH6130 Previous B-channel must be disabled in order to change.

SCH6131 Warning: All active calls that use the changed X25P group will be dropped.

SCH6132 Failed to send Customer Data Block Call Data Recording message.

SCH6133 MPH interface database download failed.

SCH6134 Send MPH TSP disable message failed.

SCH6135 MPH maintenance B channel interface change state failed.

SCH6136 Cannot change the TSP terminal type because the MPH DNIC are not the same.

SCH6137 The MPH is configured with more than 3 dedicated connections with BRSC and/or MISP.

SCH6138 The associated BRSC is not set up for D-channel packet data with MPH.

SCH6139 The associated MISP is not set up for D-channel packet data with MPH.

SCH6140 Cannot find SAPI16 TN in the MPH loop block.

SCH6141 All keys on the MCU are removed when MPHI is changed to YES.

SCH6155 Cannot configure BRSC on this IPE shelf because the total number of DPSD TSPs on this shelf will exceed the limit that an MPH can handle.

Action: Delete some DPSD TSPs first.

SCH6156 Cannot associate the BRSC with this MPH because the total number of DPSD TSPs the MPH will handle will exceed the limit.

Action: Delete some DPSD TSPs first or use another MPH.

SCH6157 Cannot NEW/CHG DSL or TSP of this ISDN BRI line card because it has no MISP/BRSC association.

Action: Configure a BRSC in the IPE shelf or perform a CHG CARD command to associate the line card with a MISP first.

SCH6158 User type FIL excludes MTC, SCH, BUG, and CSC User types.

Action: Remove the conflicting user types before configuring FIL.

SCH6161 Using CHG or MOV command is not permitted when the application type is DPNSS.

Action: Use LD 74 to modify any DPNSS protocol or transmission parameter

SCH6162 This logical port number is already used by another DPNSS1, DASS2 or APNSS link defined with a non MSDL card.

Action: Find a vacant logical port number.

SCH6163 This DPNSS logical port number does not exist.

SCH6164 DTSL data structures still exist. Remove the DTSL data structures in LD 74

SCH6166 There is no digital trunk output buffer defined.

Action: Load LD 17 and define the number of digital trunk output buffers. Initialize the system to effect the change.

SCH6167 The following hardware modifications cannot be done by using this command:

DCHI to MSD

MSDL to DCHI

DCHX to MSDL

MSDL to DCHX

Action: Remove the existing data structures and reconfigure the link with the desired hardware type.

SCH6168 This logical port number (dpnss link number) has not been defined in LD 74.

Action: Define a DPNSS logical port number in LD 17

SCH6169 The DPNSS link number entered is already used by a DPNSS link on a non-MSDL card.

Action: Change the link number to a vacant one.

SCH6174 The TN is currently being used as a Call Waiting Notification TN, and therefore CWND Class of Service is not allowed.

SCH6177 TDN or VOD can only be selected for PRI.

SCH6178 Feature is not defined in TSP (FEATID) database.

SCH6179 Feature input is invalid or not recognized.

SCH6180 No FA/FI IDs input.

SCH6181 Feature ID is out-of-range.

SCH6182 FI ID input conflicts with FI ID of another feature.

SCH6183 FA ID input conflicts with FA ID of another feature.

SCH6184 Warning: the feature input is already defined in the database. The input FA/FI IDs will overwrite the existing FA/FI IDs for the feature.

SCH6185 Wrong number of input fields. Only two or three input fields are expected.

SCH6186 Invalid Protocol ID.

SCH6187 There are Feature IDs defined in the TSP(s) of this DSL.

Action: Delete the Feature IDs before changing the Protocol ID to other protocols.

SCH6191 BRSC card TN cannot be 0.

Action: Configure the BRSC at slot 1 to 15 of loop 0 shelf 0.

SCH6193 Application(s) are not configured on the MISP.

Action: Select an MISP with the application or configure the MISP with the application.

SCH6194 Invalid LTID: LTG and LTN cannot be both 0.

Action: Re-enter with LTG or LTN greater than 0.

SCH6195 BRSC-MPH interface must be disabled first.

Action: Disable the SAPI16 interface between the BRSC and the MPH MISP in LD 32.

SCH6196 Cannot add or change the card type UILC because there are 8 UILCs configured on this IPE shelf already.

Action: Configure the card as SILC, or put it in another shelf.

SCH6197 Cannot add or change the card type SILC because there are 15 SILCs configured on this IPE shelf already.

Action: Configure the card as UILC, or put it in another shelf.

SCH6198 Cannot Move or Swap a BRSC card.

Action: Enter an appropriate TN.

SCH6199 BRSC card is not EI & USI allowed for this command.

Action: Enter an appropriate TN.

SCH6200 The BRSC must be disabled first.

Action: Disable the BRSC in LD 32.

SCH6201 Input is not a BRSC card TN.

Action: Enter a BRSC card TN. For PRT command, you can enter {cr}, loop, or loop shelf.

SCH6202 slot Card slot is configured. Where: slot = all available slots in the IPE shelf.

Action: Configure the BRSC in one of the slots listed.

SCH6203 tn A BRSC (tn) is configured in the IPE shelf.

Action: Configure the BRSC in another IPE shelf.

SCH6204 tn Disable BRI line cards (tn) first before adding a BRSC or removing.

Action: Disable all line cards listed in LD 32.

SCH6205 Cannot use MPH for DPSD because at least one DSL on the same IPE shelf has a LTEI pair defined.

Action: Remove all LTIDs or use a PRI B channel for accessing the Packet Switched Data Network(PSDN).

SCH6206 Cannot use PRI Channel for DPSD connection because at least one DSL on the same IPE shelf has a DPSD TSP defined.

Action: Remove all DPSD TSPs or use MPH for accessing the Packet Switched Data Network(PSDN).

SCH6207 Cannot add a BRSC to this MISP. MISP has MPH application configured.

Action: Pick another MISP without MPH application or remove the application.

SCH6208 Cannot add a BRSC to this MISP. MISP has maximum number of BRSCs configured.

Action: Pick another MISP.

SCH6209 Cannot add a BRSC to this MISP. MISP has too many LC configured.

Action: Pick another MISP, or remove some line cards and disable the MISP.

SCH6210 The MISP must be disabled first. It was programmed to handle 4 line cards.

Action: Disable the MISP in LD 32.

SCH6211 The MISP must be disabled first. It was programmed to handle 3 line cards and 1 BRSC.

Action: Disable the MISP in LD 32.

SCH6212 The MISP must be disabled first. It was programmed to handle 2 line cards and 8 BRSCs.

Action: Disable the MISP in LD 32.

SCH6213 Cannot add a BRSC to this MISP because it does not have MPH application configured.

Action: Pick another MISP with MPH application, or configure the MISP with MPH application first.

SCH6214 Cannot add a BRSC to this MPH MISP because it has the maximum number of SAPI16 connections configured.

Action: Pick another MPH MISP or remove one SAPI 16 connection from this MPH MISP first.

SCH6215 There are DSLs with both LTIDs and TSPs for D-channel PSD configured.

Action: If D-channel PSD is going to be provided and MPH is used, remove all configured LTIDs. If D channel PSD is going to be provided and an external packet handler is used, remove all configured TSPs for D-channel PSD. Otherwise, remove all LTID pairs AND TSPs for D-channel PSD.

SCH6216 There are DSLs with TSPs for D-channel PSD configured.

Action: Remove the TSPs for DPSD first.

SCH6217 There are DSLs with LTIDs for D-channel PSD configured.

Action: Remove the LTIDs first.

SCH6218 Cannot remove the MISP because at least one BRSC is associated with it.

Action: Disassociate the BRSCs by deleting them or change their Layer 3 MISP.

SCH6219 Cannot add BRI line card to this MISP because it has the maximum number of line cards configured.

Action: Add a BRSC to the IPE shelf, delete some line cards, or use another MISP.

SCH6220 Cannot remove or modify a BRSC because background maintenance task is in progress.

Action: Wait until the task is done or disable the BRSC in LD 32, then repeat the command.

SCH6222 The USR key must be removed before changing the telephone's Class of Service to DTA.

SCH6223 The TRIGGER string entered is not in the filter/exception table.

Action: Check then enter a correct string.

SCH6224 Another user is already accessing that TN.

SCH6225 Another user is already accessing that DN.

SCH6226 A telephone with an ACD key cannot be assigned CCSA Class of Service.

SCH6227 A telephone with CCSA Class of Service, or non-zero SCI cannot be assigned an ACD key.

SCH6228 ITPP=YES and METR=XPXX are incompatible.

SCH6229 ARFW package is not equipped.

SCH6230 Input is not a valid RAN route.

Action: When reprompted for RANR, a valid RAN route should be entered

SCH6231 Too many digits entered for DGTS.

Action: When reprompted for DGTS, the correct number of digits should be entered.

SCH6232 The interface type entered is incompatible with a CTYP of DCHI or SPDC. The CTYP must be MSDL. (To replace current version)

SCH6233 The OHAS DN index is illegal. There is no ODN defined for it in LD 15.

Action: Check and enter a legal index.

SCH6234 A legal OHID index must be defined to have ASCA Class of Service.

SCH6235 A legal FSVC index must be defined to have ASCA Class of Service.

SCH6236 No legal ODNs are defined in LD 15.

Action: You must define the ODN before assigning indices.

SCH6240 A telephone cannot use an ODN that is to be deleted.

Action: Be sure the deleted ODN is not used by any telephone.

SCH6242 Signaling must be standard when Equal Access toll call restrictions have been enabled for this route. (EQAR = Yes).

Action: Remove the Equal Access toll call restrictions for this route by setting EQAR to No prior to changing the signaling arrangement.

SCH6243 DTI TIE routes must be voice only when Equal Access toll call restrictions have been enabled for this route. (EQAR = Yes).

Action: Remove the Equal Access toll call restrictions for this route by setting EQAR to No prior to changing the voice and data calls type.

SCH6245 That TN is not available.

Action: Use another one.

SCH6246 Cannot build/tear down the tandem connection.

Action: Check the PRI status

SCH6247 Cannot remove this TIE trunk because there is a tandem connection associated with it.

Action: Remove the tandem connection, then remove the trunk.

SCH6252 The MOV DCH command is not supported by Option 11.

SCH6253 ISLD/VNS/VNSA user modes are not supported by the option 11 downloadable D-channel feature. Only shared modes SHA and SHAV can be used, as well as PRA and PRI.

SCH6261 The PNI number just entered is the same PNI number as currently programmed

SCH6262 % Maximum of 100 steps are allowed only.

SCH6263 BRIL and MPH applications may not be configured on the same MISP.

SCH6264 The ISA service route cannot be removed because there are calls active on that route.

SCH6265 Digits for insertion may be an invalid DN.

SCH6266 This DN cannot be removed from the Group Hunt list as it belongs to a set being relocated; moreover, the list cannot be outed, or resized down as to exclude this DN.

SCH6267 This DN cannot be added to a Group Hunt list as it also belongs to a set being relocated.

SCH6268 The response entered is not valid for the current ISDN IFC.

SCH6269 IFC (CNTY) does not correspond to the given DGTP.

SCH6270 Incorrect PWD2 password entered. Access to Loss Planning Data is not allowed.

SCH6271 DLSA is disabled. If any B34/B39 cards in the system, SLPD installation procedures must follow.

SCH6272 Start Arrangement for L1 signaling must be SEZA or PTSD.

SCH6273 Start Arrangement for RON/TRON signaling must be RT.

SCH6274 Only LDR signaling is allowed for TIE trunk on XDID.

SCH6275 The number of Meridian 1 Packet Handler Digital Subscriber Loops (DSLs) in the system has reached the limit.

SCH6276 Warning: External DN of IDC tree not stored in corresponding SDID tree to prevent overwriting existing value. This inconsistency occurs in the SDID tree when more than one external DN terminates on the same internal DN in the IDC tree.

SCH6278 Value out-of-range for TABL prompt. Accepted values are 0-15

Action: Check the customer documentation on TDS tone tables.

SCH6279 Overlay code is compressed, but the decoding table does not exist.

SCH6280 Class of Service HSPA and TSA are exclusive.

SCH6281 KD3 package not equipped.

SCH6282 CLS cannot be configured as MFK TN is DID and DTI2.

SCH6283 Overlay 16 - Warning - MFK Outgoing table will be cleared. Route members should not have MFK CLS if there is no incoming MFK table.

SCH6284 Overlay 16 - Warning - MFK Incoming table will be cleared. Route members should not have MFK CLS if there is no outgoing MFK table.

SCH6285 Overlay 16 - Attempt to mark a non-digital, non-DID route as MFK5 or MFK6 type of signalling.

SCH6290 The CLS DPDT or DTDP can be configured on routes with ICOG IAO only.

Action: Check trunk configuration.

SCH6291 The CLS DPDT or DTDP can be configured on analog DID or TIE trunks only.

Action: Check trunk configuration.

SCH6303 Password must be entered, cr is not a valid input.

SCH6304 Password entered is too long. Maximum length is 8 digits.

SCH6305 Attendant RCFW password can only consist of digits between 0 and 9.

SCH6307 The Voice Mailbox Administration application block does not exist.

SCH6308 The Voice Mailbox already exists.

SCH6309 The Voice Mailbox does not exist.

SCH6310 The Voice Mailbox Administration package is not equipped.

SCH6311 The VAS block cannot be removed because the application is configured.

SCH6312 Warning: Delete is full. Failed to send delete message to Meridian Mail or Voice Mailbox was not deleted on Meridian Mail.

SCH6313 Package is restricted.

SCH6314 Unexpected input type.

Action: Check input type for the prompt.

SCH6315 Inaccessible data for CFPD user.

Action: User is allowed to enter CFN or PWD as input for this TYPE prompt.

SCH6316 VMB is already configured on VAS VASID.

SCH6321 There are still Voice Mailboxes configured.

SCH6322 The Voice Mailbox Administration application is already configured.

SCH6323 The Voice Mailbox Administration application is not yet configured.

SCH6324 The Voice Mailbox Administration application must be disabled before it can be removed.

SCH6325 The Voice Mailbox Administration application has already been configured on another VAS link.

SCH6336 Out-of-Service unit only valid for NEW and OUT commands.

SCH6337 The specified card does not exist, so the unit cannot be marked Out-of-Service.

SCH6338 Invalid card density on a superloop.

SCH6339 ECHG of TIMP/BIMP only supported on XOPS card. In addition, TIMP/BIMP are not supported on the XOPS card when the CHINA package is equipped.

SCH6340 Invalid combination of TIMP/BIMP specified.

Supported combinations are:

600/600 (only when CLS = ONS)

900/900

600/3COM

900/3COM

600/3CM2

900/3CM2

SCH6341 You do not have access to Loss Planning data.

SCH6355 Loop cannot be added to the DCH because the maximum number of loops is already defined.

SCH6357 Interface change is not allowed for UIPE D-channels.

SCH6358 Interface change is not allowed for UIPE D-channels.

SCH6359 Backup DCH is not supported by the primary D-channel.

SCH6360 DCH move is not supported for UIPE D-channels.

SCH6372 MR value cannot be changed.

Action: Disable all trunks of the route first.

SCH6374 This response is only allowed when CDRX = NO in LD 16.

SCH6375 This DN is an OHOL DN. Only one 2/500 set can exist, and all other members must be M2616 sets and have CLS DELA.

SCH6376 Set must be M2616 with CLS DELA.

SCH6377 CLS DELD is invalid when set has LSPK key configured or a DN or HOT KEY configured with an OHOL DN (mixed appearance with 2/500 set with CLS SPKA).

SCH6378 Set with LSPK key or OHOL DN configured must have CLS DELA.

SCH6379 Attempt to configure a non conference or non XCT loop as a dealer or spare dealer loop.

SCH6380 Spare dealer conference loop already configured in the system. Only one spare dealer loop can exist per system.

SCH6381 The EUROISDN (EURO) package is not equipped.

Action: Equip package 261 and re-load if EURO ISDN is required.

SCH6382 SLPD or DLS tables have to removed before setting NATP prompt to YES.

SCH6383 NATP is disable and another pad functionality (static pad downloading, DLS or SLPD) has to be enable for XFEM, XFCOT or XDID cards on the system.

SCH6386 Input TN cannot mix route type with TCNZ interface.

SCH6387 Cannot get enough protected memory to build Advice of Charge Start of Call (AOCS) structures. AOCS supplementary service may not work properly.

Action: A possible solution is to remove some metered trunks, or to switch to AOCD or, AOCE supplementary services. If the message is output in LD 16, the member number of the first trunk for which the problem occurred is printed out.

SCH6388 ALT language database could not be loaded during previous disk OS start-up. Only help messages will be displayed in the alternate language (Option 81 only).

Action: Refer to messages issued during the previous restart for the reason why the alternate language database was not loaded. Correct the errors and do a warm start.

SCH6389 Cannot get enough protected memory to build Advice of Charge During the Call (AOCD) structures. AOCD supplementary service may not work properly.

Action: A possible solution is to remove some metered trunks, or to switch to AOCE supplementary services. If the message is output in LD 16, the member number of the first trunk for which the problem occurred is printed out.

SCH6390 Cannot get enough protected memory to build Advice of Charge End of Call (AOCE) structures. AOCE supplementary service may not work properly.

Action: A possible solution is to remove some metered trunks. If the message is output in LD 16, the member number of the first trunk for which the problem occurred is printed out.

SCH6391 lll Only PBX TNs can be configured on a phantom loop using Overlay 10.

SCH6392 lll mmm Do not copy, move, or swap between phantom and non-phantom loops.

SCH6393 Phantom DNs must be defined and unique.

SCH6394 This prompt, Class of Service, or feature cannot be configured on a phantom TN.

SCH6395 This prompt, Class of Service, or feature cannot be configured on a non-phantom TN.

SCH6396 Warning: A Phantom TN has been configured without a CFW or DCFW DN.

SCH6397 Invalid DCFW DN.

SCH6398 There are PVCs configured associated with the BRI line cards. The PVCs have to be removed in order to change the line cards, BRSC or MPH data.

SCH6399 MTRO Keyword table is corrupted.

SCH6400 XOPS can only be configured on XOPS card or unconfigured card. This is due to wiring differences between XOPS and other analog line cards.

SCH6401 Companding law chosen in INTN prompt to download to Peripheral Equipment in LD 97 is different from the PCML setting in the configuration record in LD 17.

SCH6402 This NTN does not associate to the PVC MPH.

SCH6403 The SCDR package is not equipped.

SCH6404 No other user types can be entered with MTC while XSM is yes.

Action: Due to the XSM hardware requirement, remove the XSM TTY configuration before you configure new users.

SCH6405 Class of service only valid for WRLS=YES.

Action: Change WRLS to YES.

SCH6406 WRLS only available on superloop (IPE) shelf.

Action: Make sure that the CMRC and/or CMCC are on an IPE shelf.

SCH6407 CLS DTN must be used if WRLS=YES.

Action: Change CLS to DTN.

SCH6409 A protocol engine active (inactive) interface type is only allowed to be changed to another protocol engine inactive (active) interface type only if there is no DSL associated with the route (Overlay 16).

SCH6410 The route entered for BRIE APPL must have the protocol engine active; the route entered for BRIT APPL shouldn't have the protocol engine active (Overlay 27).

SCH6411 MPH application doesn't co-exist any other applications in a MISP card (Overlay 27).

SCH6412 The new MISP for this card does not have BRIE configured, but there is a BRIE DSL on this card (Overlay 27).

SCH6413 Cannot have IPE shelf with BRSC and trunk DSLs. When command is NEW BRSC, TN of Line Card with Trunk DSLs is printed. When command is NEW DSL, TN of BRSC is printed (Overlay 27).

SCH6414 ITNA option cannot be disabled when DGRP is defined.

SCH6415 DGRP is out-of-range. Valid DGRP is from 1-5.

SCH6416 Last AST key cannot be deleted when ITNA=YES.

SCH6417 ITNA option must be enabled and DGRP must be defined if a TN is configured on a BCS phantom loop.

SCH6418 ITNA option is not supported for an ACD agent or supervisor.

SCH6419 A BCS TN with ITNA=YES is not allowed to be copied to another TN.

SCH6420 Only BCS TN can be configured on BCS Phantom Loop via Overlay 11.

SCH6426 The Call Forward external allow/deny is only allowed for ETSI and NT-1 protocol.

SCH6427 Invalid supplementary feature.

SCH6428 Cannot delete this Call Forwarding unconditional service because it is activated now.

SCH6429 Cannot subscribe Call Forwarding unconditional for this call type because DN does not subscribe this call type.

SCH6430 ACD Agent or Supervisor cannot be configured on a BCS Phantom Loop.

SCH6431 Data block cannot be moved or swapped because either the source or the destination loop is BCS phantom loop.

SCH6432 CSL package is not equipped.

SCH6433 Standalone Mail Package is not equipped.

SCH6434 Could not add Standalone Meridian Mail server TN to server table.

SCH6435 Supplementary service is not defined in the database.

SCH6436 Invalid supplementary service.

SCH6437 There are supplementary services defined in the TSP (s) of this DSL.

SCH6439 To enable force, set RTQT to 0. To enable RTQT, set force to no.

SCH6440 Can only create phantom superloops on vacant superloops.

SCH6441 Cannot change an existing phantom superloop since there is no data associated to a phantom superloop to be changed.

SCH6442 SBR package 281 is required.

SCH6443 Must have SBRA Class of Service defined.

SCH6450 3wt requires DID trunk type.

SCH6451 Reminder: The lampaudit has been turned off. The message will be printed once every hour until the lampaudit is turned on.

SCH6453 VNS information still used, cannot be removed.

SCH6454 PSP not allowed for an XUT or EXUT.

SCH6455 BAT/ARF/LBS were entered at the same time.

SCH6456 PIP/PSP/BST STYP entered for an XCOT.

SCH6457 BBTS is not supported by this card type.

SCH6458 JCO was entered for a trunk that was not configured as a loop start, an XUT/ EXUT, or the Japan Central Office Trunks (JPN) package 97 was not enabled.

SCH6459 No parameters entered for SYTP when SUPN was changed from NO to YES.

SCH6460 Warning: An SCPW must be defined for this set.

SCH6461 The ADMINSET package must be equipped.

SCH6462 Service not allowed for this set type.

SCH6463 Invalid character.

Action: SBA passwords must consist of digits only.

SCH6464 At least one option must be allowed.

SCH6465 Option not allowed for this access level.

SCH6466 Warning: Disallowed Installer level options have been cleared.

SCH6467 DRA is only allowed for DTI2 routes (DGTP=DTI2 in LD 16)

SCH6469 Warning: Equal Access toll call restriction was specified for this route, but no Equal Access toll calls were restricted.

Action: Either set EQAR to NO, or set on of the Equal Access toll call sequences to Deny (NTOL or ITOL).

SCH6470 Cannot OUT this customer because CPG Level Services is defined.

Action: Multi-Tenant Service with CPG Level Services defined must first be removed via Overlay 93. (REQ=OUT, TYPE=TENS, CUST=customer number)

SCH6471 No trailing blanks/spaces can be entered after the DN.

Action: Re-enter the DN correctly followed by carriage return.

SCH6472 Cannot OUT this customer because Multi-Tenant is defined.

Action: Multi-Tenant Service must first be removed via Overlay 93. (REQ=OUT, TYPE=TENS, CUST=customer number)

SCH6473 Cannot access the MARP TN for the current "MARP on TN l s c u" message when adding or changing a DN.

Action: Check the DN block and try the DN change again later.

SCH6474 This TYPE not allowed a repeat count for NEW input.

SCH6475 WARNING: The route being removed is the recorder route for Malicious Call Trace. Removing this route will cause the recorder to not be conferenced into the call when Malicious Call Trace is activated (unless a new recorder route is defined and MCRT in Overlay 15 is changed).

Action: Define a new recorder route and redefine MCRT in LD 15, or set RECD to NO in LD 15.

SCH6476 WARNING: A Carriage Return has been entered for MCRT, but the route is not a recorder route or has no trunks defined.

Action: Enter a valid recorder route at MCRT or set RECD to NO.

SCH6477 Events: BRI Supplementary Service is using this CallType.

Action: Delete the BRI Supplementary Service that is using this CallType in this DN before CallType can be changed.

SCH6478 AHNT DN can be defined only if CLS = RTDA, RBDA or RBHA.

Action: Define CLS RTDA, RBDA, or RBHA before defining AHNT.

SCH6479 AEHT DN can be defined only if CLS = CFTA and at least one of RTDA or RBDA or RBHA.

Action: Define CLS = CFTA and at least one of RTDA or RBDA or RBHA before defining AEHT.

SCH6480 You cannot configure a CHG key without the Charge Account for CDR (CHG) package 23.

SCH6481 The card density of the source card (TN) and the destination card (TOTN) are different. The density of the destination card is used for the unit being moved.

SCH6482 CIST package 221 should be equipped. (Used for CLS = DNAA or DNAD, when package is not equipped).

Action: Equip CIST package 221 or choose another answer.

SCH6483 The number of M1 CT2 Mobility TNs in the system exceeded the number defined in the tape directory.

SCH6484 May not remove ACD DN when DN still exists on some supervisor's NSVC key.

SCH6486 AFD can be defined only if CLS = RTDA or RBDA or RBHA.

Action: Define CLS RTDA or RBDA or RBHA before defining AFD.

SCH6487 AEFD DN can be defined only if CLS = CFTA and at least one of RTDA or RBDA or RBHA.

Action: Define CLS = CFTA RTDA, or RDBA, or RBHA before defining AEFD.

SCH6488 If CLS = HTA and RTDA or RBDA or RBHA then AHNT must be defined.

Action: Define AHNT for the TN.

SCH6489 If CLS = HTA CFTA and any one of RTDA or RBDA or RBHA then AEHT must be defined.

Action: Define AEHT for the TN.

SCH6490 Cannot use "X" to delete AFD/AHNT/AEFD/AEHT DN.

Action: Change to CLS RTDD to remove AFD/AHNT/AEFD/AEHT.

SCH6491 Start minute or end/hour/minute for alternate time option not defined.

Action: Define all 4 fields that include the start hour, minute, and hour and end minute for the CRT x prompt.

SCH6494 List number already defined as Group Hunt list.

SCH6495 Warning: 0 means the Station Control Passwords will no longer be required for User Level Access to Set Based Administration

SCH6496 Overlay 35 is no longer supported for this machine type.

Action: Replace Overlay 35 with Overlay 135.

SCH6497 TYPE = PWR only allowed for REQ=NEW or OUT.

SCH6498 PVR, PVN do not allow multiple appearance DN.

SCH6504 Illegal billing number length change.

Action: If length is changed, a new billing number is required.

SCH6505 FFC and NFCR package/packages must be equipped.

SCH6507 CDTI2 prompt was answered with YES but this causes some discrepancy - the type of adjacent loop on the same common equipment shelf's card slot is unsuitable (it may be only DTI2 or undefined). CDTI2 is reprompted. This case is not relevant for Option 11.

Action: DCE1 is reprompted. Check the adjacent loop type (by CFN printing inLD 22) and, perhaps, precise loop definitions in LD 17.

SCH6508 An attempt to define an unsuitable loop on the common equipment shelf's card slot, on which there is already a CIS DTI or CDTI2 card defined.

Action: The second loop to be defined on such a card slot must be DT12 only.

SCH6509 cnty Invalid IFC/CNTY combination. This message may indicate that a user has entered an APISDN CNTY for EURO IFC, or an EURO CNTY for the APISDN IFC.

SCH6510 The Collect Call Blocking (CCB) package 290 is not enabled.

Action: Equip CCB package and reload if CCB is required.

SCH6511 Route changed to OGT. CCB is set to NO.

SCH6512 Route type changed to ICT. CCBA is set to NO.

SCH6514 NFCR must = YES in the customer data block.

SCH6515 At attempt to define a digital trunk on CDTI2 with CISFW = YES in a route which is neither ICOG = OGT (and TYPE = COT) nor ICOG = ICT (and TKTP=DID).

Action: Check the route data block definition and change it if necessary in LDs 21 and 16.

SCH6516 An attempt to define SIGL = CIS in LD 14 for analog trunk on IPE CIS three wire trunks card in the route which is neither ICOG = OGT nor ICOG = ICT (and TYPE = DID).

Action: Check the route data block definition and change it if necessary by LDs 21 and 16.

SCH6517 An attempt to define a signaling related CLS's other than DIP/DIPF in LD 14 for a digital trunk on CDTI2/CSDTI2 with CISFW= YES.

Action: Enter CLS = DIP / DIPF or check CDTI2 prompt in LD 73 for given loop.

SCH6518 P METR (R) prompt in LD 73 was not answered with "N" for loop on CDT12/ CSDT12 card (CDTI2 = YES). P METR (R) is reprompted until the "N" answer will be entered. Note that "carriage return" entering in this case is allowed only if P METR (R) = N was already defined earlier.

Action: Enter the "N' or check definition for prompt CDTI2.

SCH6520 Valid BTD Table is in the range from 0 to 7.

Action: Enter a number from 0 to 7.

SCH6521 Valid Cadence Phase length is in the range from 0 to 1500 milliseconds.

Action: Enter a number from 0 to 1500

SCH6522 Two BTD Phases must be entered to describe the cadence.

Action: Enter values for two phases.

SCH6523 If the first BCAD phase is 0, both phases must be 0.

Action: Enter 0 for both phases.

SCH6524 BTD package must be equipped.

Action: Add Busy Tone Detection Tone (BTD) package 294.

SCH6525 BTD table 0 cannot be removed

SCH6526 BTD table must be defined in Overlay 97

SCH6527 Required BTD table does not exist.

Action: Check if the correct BTD number has been entered.

SCH6528 NI2 is entered at the IFC prompt in LD 16 or LD 17. However, North America National ISDN Class II Equipment (N12) package 291 is not equipped.

Action: Equip package 291 and reload if NI2 Primary Rate Interface is required.

SCH6529 Digital Trunk Type (DGTP) must be PRI for NI2 interface.

SCH6533 DN is already defined.

Action: The PINX DN should be a nonexisting DN selected in the customer's numbering plan.

SCH6534 The Speed Call list specified is not defined.

Action: Define the Speed Call list in LD 18 or input an existing Speed Call list number.

SCH6535 BAT/ARF/LBS STYP requires an XCOT.

SCH6536 The response TAT is not allowed if Trunk Antitromboning (TAT) package 293 is not equipped. RCAP is reprompted.

Action: Equip Package 293 and reload to enter TAT feature

SCH6537 The response TAT is allowed for only D100 / SL-1 / S100 / D250 and Release 21 or higher for SL-1.

Action: Check the IFC and RLS prompts.

SCH6538 The response TAT is not allowed when VTRO =YES.

Action: In LD 17, set VTRO = NO

SCH6539 The response TAT is not allowed if at least one route associated with this D-channel has TRO option on.

Action: In LD 16, turn off TRO options in all routes associated with this D-channel.

SCH6540 The response TRO is not allowed if the D-channel associated with this route has TAT set in RCAP

Action: In LD 17, set XTAT in RCAP of the associated D-channel configuration.

SCH6541 MFC on 1.5 Mb/s DTI is not supported.

SCH6542 ADL feature must be equipped for BNRA Class of Service. Class of Service is changed to BNRD.

SCH6543 FFC or ADL package(s) must be equipped.

SCH6544 Two-star (**) and/or four-star (****) abort is not allowed during the critical sessions of adding (NEW), changing (CHG) or deleting (OUT) the data.

Action: To abort the session, enter carriage return for each prompt except SLV3 and SLV6 prompts. For SLV3 and SLV6 prompts, enter NXX and SUB responses respectively.

SCH6545 VTRO is not allowed if TAT is set in the RCAP

Action: In LD 17, set XTAT in RCAP of the associated D-channel configuration.

SCH6546 Route and member are not allowed if this route has TRO and the associated D-channel has TAT set in the RCAP

Action: In LD 16 turn off TRO or in LD 17, set XTAT in RCAP

SCH6547 TRO or TAT ios not allowed if TAT package 293 is not equipped.

SCH6548 Invalid Privacy Indicator entered for DTPI or DPPI prompt.

SCH6549 CLBA/CLBD is not allowed if Calling Party Privacy (CCP) package 301 is not equipped.

SCH6550 CPNW list already exists for this customer

SCH6551 CPNW list does not exist for this customer

SCH6552 ISDN package 145 is needed for CPNW feature

SCH6553 Warning: Adjacent loop is a DTI2 loop defined as being on a CDTI2 card. This loop must be defined in LD 73 as CDTI2=YES or the adjacent loop must be changed to CDTI2=NO.

SCH6554 Warning: Adjacent loop is DTI2 loop with CDTI2 prompt defined differently from this loop. Such a discrepancy must be removed by defining the same CDTI2 value for the adjacent loop.

SCH6575 .REMOTE_IPE_I is not equipped.

SCH6576 Missing LCRI S/W from disk.

SCH6577 Cannot change SUPT in the defined superloop.

SCH6578 File I/O: error string - database access error.

SCH6579 Conf: error string - configuration error.

SCH6583 China Attendant Monitor Package (CHINA) package 285 is not equipped. Options AMA/AMD/TOA/TOD cannot be entered in LD 15.

Action: Equip package 285 and re-load if Attendant Monitor is required.

SCH6592 Warning: Table has been removed. Using Overlay 20, ensure that this BTD table is not assigned to any trunk card.

Action: Print out blocks using Overlay 20 and check BTDT number.

SCH6593 BTS is not supported on Japan trunks and is no longer required.

SCH6594 BTS is only supported on CO trunks with loopstart signalling.

SCH6595 IFC type and Loop type mismatch. This message may indicate that a user has entered a PRI loop as DCHL for a PRI2 IFC, or visa-versa.

SCH6596 When updating SDID tree after the change in the IDC tree, a SDID tree branch is found missing, which indicates there was an inconsistency between the SDID and the IDC tree.

Action: Process as normal. The inconsistency is removed automatically.

SCH6597 Invalid input for NATP.

Action: 1. Enter YES for North American Transmission Plan.

2. Enter NO for other transmission plans.

SCH6598 FLEN must not be less than the length of the longest SDRR plus the length of the SPN.

SCH6599 Suppress has to be greater than ESCALATE.

SCH6600 Default ESCALATE has to be smaller than current SUPPRESSION.

SCH6601 The ALRM_FILTER package is restricted.

Action: The requested action is denied.

SCH6602 System Event List is empty.

Action: None. Events cannot be printed.

SCH6605 Duplicate event.

SCH6606 Escalate must be less than suppress.

SCH6607 Event not in Event Preference Table.

SCH6608 Invalid escalate.

SCH6609 Invalid event id.

SCH6610 Invalid new size; out of valid range.

SCH6611 Invalid severity.

SCH6612 Log resize aborted.

SCH6613 Log resize failed.

SCH6614 Missing event id.

SCH6615 New suppress threshold is out of valid range.

SCH6616 Suppress must be greater than the maximum escalate value in the event preference table (EPT).

SCH6617 Timer value is out of valid range.

SCH6618 Event Preference Table (EPT) is full.

SCH6619 Call Park data block number out of range. The valid range is 1-5.

Action: Enter valid input.

SCH6621 Trying to change/out/print a data block that does not exist.

Action: Enter a Call Park Block that is defined in the customer database.

SCH6622 Mutually exclusive supervision types entered.

SCH6623 Must create data block 0 before creating other data blocks.

SCH6624 Must delete/out other data blocks before deleting/out data block 0.

Action: Remove all the Secondary Call Park Blocks first.

SCH6625 Invalid input. For card 0, units 0-7 must all be of the same type and units 8-15 must all be of the same type.

SCH6626 Invalid input. For card 0, the valid unit range for MFC/MFE/MFK5/MFK6/MFR units is 8-11.

SCH6627 ARDL package is not equipped (Overlay 11, 16, 81).

SCH6628 ARDL feature is not allowed for SL-1 and ARIES sets only (Overlay 11).

SCH6634 This DN cannot be used as it would create an illegal multiple appearance of the data DN of a dynamic voice/data TN.

SCH6635 DTM key could not assigned with current set configuration. The DTM key has been removed.

SCH6636 Only one DTM key is allowed per TN.

SCH6638 PGND/PGNA is not a valid input. The PAGENET package is not equipped.

Action: Contact your technical support group for correct package configuration.

SCH6639 PTU Package not equipped.

Action: Equip PTU package and reload if PTU package is required.

SCH6640 Cannot change agent ID mode (AID) to “no” if MQA option is enabled. MQA option must be disabled first.

SCH6641 Cannot remove an ADS block if the MQA option is enabled first, which requires the MAX HSL to be disabled.

SCH6642 The MQA option cannot be changed (“yes” to “no” or “no” to “yes”) if the High Speed is up.

SCH6643 The Report Control Option cannot be disabled if MQA agents belong to the queue.

SCH6644 An MQA agent has logged into this queue since the Report Control option (RPRT) was changed. Since this option cannot be disabled when MQA agents are serving the queue, the option is reset to its original value (“yes”).

SCH6645 Only one ADS block per system can have MQA enabled.

SCH6646 A pilot DN of USE=SLCU (Speed Call List User) cannot be a member of the Speed Call list it accesses.

SCH6647 The ACD DN specified is not compatible with MQA. Specifically, one of the following is true for the ACD DN specified: IVMS, IMS, IVR, or DAL is enabled, or RPRT is disabled. This message is just a warning. The ACD DN specified will be assigned to the agent, but the agent set can no longer be an MQA ACD agent.

SCH6649 Cause: VNS DN ALREADY DEFINED the response cannot be accepted because at least one VDN is already defined in another VDN block, Impact: the response is not accepted and VNDN is prompted again. Output data: no output data.

Action: Check which VDNs are already defined and configure blocks of DNs without them.

SCH6650 Missing FNET L/W/ from disk.

SCH6651 Missing FPEC L/W from disk.

SCH6652 The superloop specified is not configured as a Fiber Remote superloop.

SCH6653 TN on Phantom DTI2 loop must be TIE or DID.

Action: Restart LD 14 and answer TIE to the prompt TYPE, or answer the prompt TN by choosing a loop which is not defined as a Phantom DTI2 loop.

SCH6654 Cannot move a TN located on a Phantom DTI2 loop.

Action: Restart the LD14 and answer NEW to the prompt REQ, or answer the prompt TN by choosing a loop which is not defined as a Phantom DTI2 loop.

SCH6655 n Error during the ISPC trunk configuration.

Where n = the error cause:

1. ISPC Reference number already exists. In Overlay 14, in answer to the prompt SREF, an ISPC reference number which is already configured for the system, is not allowed.

2. The trunk must be a TIE trunk.

3. The trunk must be configured with the DTN class of service.

4. Data corruption with the route pointer.

5. The route is not an ISL route.

6. The trunk is not a DID trunk.

7. The route is not configured with DSEL=DTA.

8. The route must not be an ISL route.

9. The route is not configured with DLTN=YES

10. The route is not configured as incoming.

11. The route is not configured with PRDL=BSY

12. The route is not configured with DTD=YES

13. The route is not configured as outgoing.

14. The route is not configured with NEDC+ETH

15. The route is not configured with FEDC=ETH

16. The route is not configured with CPDC=NO

17. DDD_PACKAGE is restricted.

Action: Check the validity of the SPC reference number provided by the telecommunication administration.

SCH6656 The ISPC package 313 is mandatory to configure a Phantom DTI2 loop.

Action: Enable the ISPC Package 313 and reload the PBX if Phantom DTI2 loop is required.

SCH6657 You are not allowed to create more than one TN at the time on a Phantom DTI2 loop.

Action: To configure more than one TN on a Phantom DT12 loop, complete the command sequence in LD 14 for each additional TN.

SCH6658 Service change is not allowed on unit currently involved in a Broadcast call.

SCH6659 CLID entry no defined for the customer.

SCH6660 Service change is not allowed on this TN since it is currently pending for this application Login or logout event.

SCH6661 Request to create a DISA block for the customer is not allowed. The customer already has 240 DISA Blocks defined.

SCH6662 This set type cannot have the FLXA class of service.

SCH6663 A DTM key cannot be on key 00.

SCH6664 The FLXA class of service is required for a voice TN on a high unit or a data TN on a low unit.

SCH6665 The VDN block does not exist. In overlay 79, the VDN entered at the prompt VNDN is not accepted when the request is OUT, DIS, or ENL.

Action: Enter a correct value, which must be the first VDN of an existing VDN block.

SCH6666 The maximum number of VDN's for a customer has been exceeded. The FLXA class of service is required for a voice TN on a high unit or a data TN on a low unit.

Action: Re-enter a number for your VDN block which does not exceed your customer limit.

SCH6667 The change is not accepted because VNS calls are still using this D-channel.

Action: All calls using this D-channel must be cleared before VNS parameters of the D-channel can be modified.

SCH6668 Card 0 not supported in this overlay.

SCH6669 WARNING: New MFC/MFE/MFK5/MFK6 units on Card 0 can only be enabled by ENLX in LD 34.

Action: After configuration of these units, go into LD 34 and perform ENLX 0.

SCH6670 QSIGGF package is restricted.

SCH6672 Master Mode package is restricted.

SCH6678 Supervised DIDs: JDID requires Japan Trunk Package (97), loop start signalling and XUTJ pack.

SCH6679 Warning: The prime key does not have any of the following functions: SCR, MCR, SCN, MCN, ACD. The model is invalid for Automatic Set installation.

SCH6680 Only JDID and BTS CLS are allowed for Loopstart DID trunks.

SCH6681 CPK is not a legal response because the release ID at the far end is below rls22 or the interface type of the D-channnel is not SL1.

Action: Change the release ID or change the interface type.

SCH6682 CPK is not a legal response because the package, CPRKNET, is not equipped.

Action: CHNge the package restriction.

SCH6683 The position ID cannot be changed while this agent is acquired.

SCH6684 This DN cannot be used with a DTM key as it is already in use.

SCH6685 NAC is not a valid RCAP; BRI route IFC configuration is not SL1.

SCH6686 RCAP is changed to XNAC due to incompatible IFC configuration.

SCH6687 NAC is not a valid RCAP. The D-channel IFC configuration is not SL1; or RLS configuration is less than 22.

SCH6688 RCAP is changed to XNAC due to incompatible RLS configuration.

SCH6689 Customer option is changed to CPD due to Call Park database memory allocation problem.

SCH6690	FLXA class of service is allowed only on Aries sets connected to XDLC cards.
SCH6691	The associated DSLs must be removed before changing the BRIT route interface type to ISGF or ESGF.
SCH6692 x1	x1 = % Invalid input when the MMCS package is not equipped.
SCH6693 x2	x2 = % DTIM should be defined to have PRDL=DNIS
SCH6694 x3	x3 = % The route is not DNIS.
SCH6695 x4	x4 = % Invalid entry for FDG, FEX and WATS routes.
SCH6696 x5	(x5 = % INDI + NDGT) greater than or equal to 31 is not acceptable for autoterminate routes.
SCH6697 x6	x6 = % DTIM only supported for DID, TIE or IDA trunks.
SCH6698	There is a conflict in the configuration of RCAP and NASA, i.e. if RCAP's CPK is set, then NASA is not allowed to be defined as "NO". **Action:** Change either configuration as needed.
SCH6699	CAB number out of range.
SCH6700	Invalid TTY_TYPE.
SCH6701	Only 1 TTY allowed per expansion cabinet.
SCH6702	There is no TTY configured on this expansion cabinet.
SCH6703	Only 4 TTYs with TTY_TYPE PTY may be configured.
SCH6704	Only 3 TTYs with TTY_TYPE LSL may be configured.
SCH6705	Invalid FLOWTYPE.
SCH6706	Invalid FLOWTYPE for Low Speed Link on Card 0.
SCH6707	LSL and XLSL not valid on Option 11C.
SCH6708	Low speed link not allowed on Card 0 Port 0.
SCH6709	CLID block is not defined in the Customer Data Block.
SCH6710	A warning message. CLID Entry is not defined n the CLID block of the Customer Data Block. The CLID Entry is stored in the database.

SCH6711 No trailing blanks/spaces can be entered after the CLID entry.

Action: Enter {CR} after the CLID entry.

SCH6712 The input for the CLID entry should be an integer or a “D”.

SCH6713 Cannot decrease CLID table size. Entries to be removed are not empty.

Action: Remove the unnecessary CLID entries first. Then decrease the CLID table entry size.

SCH6714 CLID Entry or Entries are not defined since the entry or entries are not configured.

SCH6715 x7 x7 = x7 % DTIM not supported for routes with ISL mode.

SCH6720 One or more of the packages to operate the OPEN_ALARM feature is missing. This feature requires the following packages: MAT, ALARM_FILTER and OPEN_ALARM.

SCH6722 Digit Insertion function does not support SPRE/FFC digits.

Action: Users may dial manually.

SCH6723 Cannot “out” a dch/dsl while there are call-independent connections on the dch/dsl interface.

SCH6755 CLID entry D is not allowed to be assigned to all the DN keys on the set.

Action: Assign a non-D CLID entry to the DN key of the BCS set.

SCH8781 DCHI or BCHI cannot be 0.

Action: Enter new value 1 - 15.

SCH8782 PIP/PSP not available without MR or SUPP. (This message only applies to X11 Release 19 and earlier)

SCH8783 The monitored or monitoring set cannot be moved or copied.

SCH8784 The Busy/Forward Status package is restricted. BFS key is not allowed.

SCH8785 An invalid TN has been entered for the Busy/Forward Status (BSF) key.

SCH8786 The monitored set is on a different customer.

SCH8788 The monitored set may not have an ACD-DN.

SCH8789 The set is already monitored by 16 other sets.

SCH8790 The telephone is already monitored by 16 other telephones.

SCH8791 Monitored telephone cannot be BRI.

SCH8798 RPE2 data block has not been created by LD 52.

SCH8799 Operation not allowed.

Action: Remove loop from RPE2 group. Use LD 52.

SCH8802 Illegal answer to prompt TASK.

SCH8803 Group is spared.

SCH8804 Command is NEW and group exists.

SCH8805 Command is CHG or OUT and group does not exist.

SCH8806 {CR} only allowed for PRT on GRP prompt.

SCH8807 Command is not NEW and RPE2 data does not exist.

SCH8811 CORP/CORX can only be configured on 2.0 Mb digital CO trunks if the International Supplementary Features (SUPP) package 131 and the DTI2 package 129 are equipped.

SCH8813 Group Hunt pilot DN function is not supported.

SCH8814 PLDN entered is invalid.

SCH8815 PLDN size is out-of-range.

SCH8816 Customer is undefined.

SCH8817 PLDN package is unequipped.

SCH8818 TN translation has failed.

SCH8819 Unable to obtain a PDS/UDS.

SCH8820 The DN entered is not valid for the GHT list.

SCH8821 The LIST TYPE does not match REQ TYPE.

SCH8822 The associated PLDN must be removed first.

SCH8823 The GHT list number is out-of-range.

SCH8824 The PLDN and GHT customer numbers do not match.

SCH8825 The DN must first be removed from the GHT list.

SCH8826 The GHT list is already associated with another PLDN.

SCH8827 PLDN USE and LIST TYPE do not match.

SCH8831 Password does not exist.

SCH8832 Cannot remove logged on password.

SCH8833 Only administrator is allowed to print audit trail.

SCH8834 The occupied buffer area larger than the requested size and therefore cannot be reduced.

Action: Print buffer first.

SCH8835 Invalid LAPW password option selected.

SCH8836 Password has print-only Class of Service.

SCH8837 Audit Trail buffer size must be 50-1000 and divisible by 50.

SCH8838 LAPW users are not allowed to print SPWD passwords.

SCH8839 User is restricted from printing Speed Call List.

SCH8840 Feature is not available without LAPW package.

SCH8841 User does not have access to this data.

SCH8842 Valid password must be entered.

SCH8843 Only 32 CUSTOMER TENANT combinations are allowed.

SCH8844 This tenant is already allowed/denied for this customer.

SCH8845 Password conflicts with existing passwords.

SCH8846 Illegal character entered for password. Must be 0-9, A-Z, or a-z.

SCH8847 Warning: Display DN does not start with an ENP pilot DN.

SCH8848 ICP cannot co-exist with anything else.

SCH8849 xxxx This is an X20 error message:

Where xxxx =

139 : Channel number out-of-range

219 : Cannot configure analog trunk in digital route

279 : Unable to match input field with stored mnemonics

597 : Required number of TN blocks not configured or removed because maximum channel number was reached

969 : Burst parameter cannot have a value less than that of the replenishment parameter

970 : Unable to match input field with stored mnemonics

971 : Invalid response

972 : Input out-of-range

974 : DTSL/DDSL specified is not configured as a public network link

1300 : Wrong number of input fields for prompt DTSL/DDSL (DPNSS)

1301 : DTSL/DDSL number out-of-range (0-159) (DPNSS)

1302 : DTSL/DDSL block already exists (DPNSS)

1303 : DTSL/DDSL block does not exist (DPNSS)

1304 : No DTSL/DDSL blocks exist (DPNSS)

1305 : Signaling link still in service (DPNSS)

1306 : DTSL/DDSL still enabled (DPNSS)

1307 : DTSL number does not belong to a DASS signaling card (DPNSS)

1308 : DTIB/DTOB must be set up in LD 17. Digital trunk input/output buffers are zero. (DPNSS)

1310 : Wrong number of input fields in response to LTYP prompt (DPNSS)

1311 : Unable to match input with stored mnemonics (DPNSS)

1315 : Unable to match input with stored mnemonics (DPNSS)

1316 : Wrong number of input fields (DPNSS)

1317 : Number out-of-range (DPNSS)

1320 : Wrong number of input fields in response to DDCS prompt (DPNSS)

1321 : DDCS number out-of-range (DPNSS)

1322 : DDCS not configured (DPNSS)

1329 : Cannot out a DTSL/DDSL if a channel is configured«

1330 : Wrong number of input fields for prompt DTSL/DDSL (APNSS)

1331 : DTSL/DDSL number out-of-range (0-159) (APNSS)

1332 : DTSL/DDSL block already exists (APNSS)

1333 : DTSL/DDSL block does not exist (APNSS)

1334 : No DTSL/DDSL blocks exist (APNSS)

1335 : Signaling link still in service (APNSS)

1336 : DTSL/DDSL still enabled (APNSS)

1338 : DTIB/DTOB must be set up in LD 17. Digital trunk input/output buffers are zero. (APNSS)

1340 : Wrong number of input fields in response to LTYP prompt (APNSS)

1341 : Unable to match input with stored mnemonics (APNSS)

1345 : Unable to match input with stored mnemonics (APNSS)

1346 : Wrong number of input fields (APNSS)

1347 : Number out-of-range (APNSS)

1350 : Wrong number of input fields in response to DDCS prompt (APNSS)

1351 : DDCS number out-of-range (APNSS)

1352 : DDCS not configured (APNSS)

1355 : DDSL mismatch

2071 : Package not configured

2073 : IDA route cannot be changed to non-IDA and vice versa

8000 : PBX Reference Number does not begin with Location Reference Number (Warning only—entry as accepted)

8001 : NCOP transmission must be used

SCH8850 Route List Block (RLB) does not exist.

SCH8851 Input out-of-range (0-999).

SCH8852 ESN data block does not exist.

SCH8853 Input out-of-range (1-10).

SCH8854 Input out-of-range (2-8).

SCH8855 Route List Block (RLB) with Digit Manipulation Index (DMI) is invalid.

SCH8860	Tenant number out-of-range (0-511).
SCH8861	Link used by other customer.
SCH8862	Cannot change set with IRGA CLS from AAPBX.
SCH8863	Cannot change set with IPNA CLS from AABCS.
SCH8864	Cannot use IRGA/IRGD together with NEW X command.
SCH8865	Cannot use the OUT command on a set with IRGA CLS.
SCH8866	ICP cannot be removed with agents still defined.
SCH8867	ICP cannot be set up for an ACD DN with agents.
SCH8868	Response NO not allowed when ICP is defined.
SCH8869	Cannot remove a tenant which is owner of ICP.
SCH8870	Cannot remove MC when ICP is allowed.
SCH8871	ICDN must be entered.
SCH8872	Maintenance message out-of-range (0-9).
SCH8873	Maintenance message must be entered (0-9).
SCH8874	APL not defined for ICP in LD 17.
SCH8875	APL number must be entered (0-15).
SCH8876	Cannot decrease NIPN when higher IPN/IRG defined.
SCH8877	Cannot remove ICP when ACD group defined for APL.
SCH8878	Cannot remove ICP when IPN/IRG sets exist.
SCH8879	Terminal/printer number must be entered (0-{NIPN}).
SCH8880	Both DSET and DCON packages must exist.
SCH8881	Must be quad loop for digital console.
SCH8882	LANG number out-of-range (0-15) for digital console.
SCH8883	Primary and secondary TNs must be on the same Loop, Shelf and Card.

SCH8884 Unit number out-of-range for digital consoles.

SCH8885 Warning: The active password length is changed only if new configuration data is dumped, and a complete data load and program load takes place.

SCH8886 Cannot remove customer while Flexible Feature Code tree exists.

SCH8887 An invalid value for the Electronic Lock password was entered.

SCH8888 The Station Control Password can only use digits 0-9.

SCH8889 CEPT default does not match the password length defined in LD 15.

SCH8890 Digit entered for REP causes replacement CEPT code to conflict with existing DN.

SCH8891 Maximum number of FFCs outed in this pass.

SCH8892 FFC was defined earlier in this program.

SCH8893 Specified DN conflicts with an existing DN.

SCH8894 Package is not equipped.

Action: Contact your technical support group.

SCH8895 FFC code does not exist.

SCH8896 FFC data does not exist.

SCH8897 FFC data already defined for a customer.

SCH8898 FFC package is not enabled.

SCH8899 511 is an invalid entry for a ring cadence.

SCH8900 No FDTD table configured.

SCH8901 COOP package is not equipped.

SCH8902 Pointer to COOP_CPG_ICCOUNT array not defined.

SCH8904 Cannot define a non-terminal loop as a GEC loop.

SCH8905 Cannot set subtype if TYPE = TIE.

SCH8907 Cannot use OUT command on console with ICP.

SCH8908 Cannot use OUT command on a set with IPNA CLS.

SCH8909 ICP already configured for this customer.

SCH8910 Packages 35 (IMS), 40 (BACD), 46 (MWC), 109 (APL), 131 (SUPP), and 139 (FFC) must be included.

SCH8911 Terminal/printer number is already used.

SCH8912 Terminal/printer number out-of-range (0-99).

SCH8913 ICP is not configured for this customer or tenant.

SCH8914 FDTD table does not exist.

SCH8915 Trying to remove a nonexistent digit sequence.

SCH8916 Table full, no more sequences allowed.

SCH8917 FDTD digit sequence already exists in table.

SCH8918 FDTD table does not exist (REQ = OUT/CHG).

SCH8919 FDTD table exists (REQ = NEW).

SCH8920 OPCB package is restricted.

SCH8921 Invalid entry for ALDN. ALDN can only be configured on a CHG command.

SCH8922 DN conflicts with ALDN.

SCH8923 Input number is out-of-range (0 - 10).

Action: Choose a number 0 - 9.

SCH8924 Category code out-of-range (1-10).

SCH8925 No current entry in list.

SCH8926 At least one of call types CDPC/TOLL/ALRM/TNDM/SSUC/NDGT must be set.

This error message may appear if NDGT is answered with 0(NDGT is now the last prompt among SSDG's call type marks).

This error message may appear if SSUC is answered with NO (SSUC is now the last prompt among SSDG's call type marks).

Action: Set at least one of the call types CDPC/TOLL/ALRM/TNDM/ SSUC/NDGT

SCH8927	SSL not applicable to move command.
SCH8928	SSL list already full (100 entries).
SCH8929	SSL entry out-of-range (0-9999).
SCH8930	SSL entry does not exist.
SCH8931	Category code out-of-range.
SCH8932	List number out-of-range (0-15)
SCH8933	SSL list does not exist
SCH8934	HWTT input out-of-range (0-600).
SCH8936	Same digit cannot be assigned to two programmable control digits.
SCH8948	LAPW - Print Speed Call List is not allowed.
SCH8949	Digital set cannot have LVXA Class of Service.
SCH8950	ACD set cannot have LVXA Class of Service.
SCH8951	Cannot have MTA and LVXA Class of Service.
SCH8952	CMOP - Package is not equipped.
SCH8953	TVT - Volume key may not be changed using Attendant Administration.
SCH8954	TVT - Only one of Volume Up/Down keys are configured.
SCH8955	TVT - Attempt to define a non-terminal loop as a TVT loop.
SCH8956	TVT - Before changes to OGTPECL/DCTI must be reset.
SCH8957	ICP data is not copied.
SCH8958	This set does not have IPNA CLS.
SCH8959	This set does not have IRGA CLS.
SCH8960	ICP package 143 not equipped.
SCH8961	PPM - Input value out-of-range (0-9999 inclusive).
SCH8962	PPM - Input value out-of-range (0-15 inclusive).

SCH8963 Warning: Port has been configured as a background terminal.

SCH8964 PPM - Input value out-of-range. Value must be (0-3).

SCH8965 PPM - Input value out-of-range. Value must be (0-7).

SCH8966 PPM - Input value out-of-range. Value must be (0-28).

SCH8967 PPM - Input value out-of-range. Value must be (0-23).

SCH8968 PPM - Input not allowed; only allowed for daily print.

SCH8969 PPM - No space allowed after second hour input.

SCH8970 PPM - No prime DN specified. MRA CLS changed to MRD.

SCH8971 PPM - MR package is not equipped.

SCH8972 PPM - Meter associated with this set/route is being deleted.

SCH8973 ALP - Input is out-of-range (0-7) for APAD in CDB.

SCH8974 DTI2 - Route is not a 2.0 Mb/s digital route.

SCH8975 DTI2 - PAD category does not exist.

SCH8976 DTI2 - JDMI package not equipped.

SCH8977 DTI2 - Route is not a JDMI route.

SCH8978 DTI2 - 1.5 Mb/s DTI is invalid for private line routes.

SCH8979 DTI2 - DTA is an invalid DSEL for RML and RLT routes.

SCH8985 TBAR - Invalid group hunt member encountered all routes are assigned ART # O.

SCH8986 SUPP package 131 not equipped.

SCH8987 TBAR - ARTs do not exist.

SCH8988 TBAR - out-of-range (1-63).

SCH8989 TBAR - ART already exists.

SCH8990 RAN, MUSIC, AWU, and CAS routes cannot be barred.

SCH8991 AFBT cannot be greater than AFNT.

SCH8992 MPO package is not equipped.

SCH8993 AFBT is greater than AFNT, AFBT has been set to.

SCH8994 Cannot delete ART as it is used as default.

SCH8995 MCT & MFC packages must be equipped.

SCH8996 RART, REQ = NEW, or OUT is disallowed. New routes are created/removed using LD 16.

SCH8997 0, 1, and 2 are the only inputs allowed for RVDL.

SCH8998 RCDT, REQ = NEW, or OUT is disallowed.

SCH8999 ART not defined for ART number entered.

SCH9002 CDN cannot be allowed as night DN.

SCH9949 GPT Integrated Digital Access Service Change x x x x x.

SCH9952 Call Forward All Calls DN size exceeds M2317 or M3000 maximum length of 23 digits.

Action: Enter the correct number of digits between 4 - 23.

SCH9953 Class of service FLXA/VCE is required for a DTM key.

SCH9954 This set cannot be copied as it contains a DTM key. The DTM key must first be deleted before copying to prevent a multiple appearance of a data DN.

SCH9955 It is not allowed to configure a phantom DTI2 loop as tracking for the clock controller.

Action: Enter another loop number.

SCH9959 FCDR is set to OLD whereas CDRM was previously equal to YES. As it is incompatible for CDRM feature, DUR5 is reset to NO.

SCH9960 CDRM is set to YES whereas DUR5 was previously set to YES. As it is incompatible for CDRM feature, DUR5 is reset to NO.

SCH9962 In Overlay 25, the commands MOVE and SWAP are not allowed on a phantom DTI2 loop.

SCH9974 ISL mode not supported with MIF feature.

SCH9981 MMSN data is in use and cannot be cleared.

Action: Remove all mportbl sets defined with VISI = YES before removing MMSN.

SCH9982 A mportbl set defined as Visiting may not be assigned a multiple appearance DN.

Action: Assign a unique DN on key 0.

SCH9996 This MWI NSI table does not exist.

Action: Enter the Manufacturer Identifier of the MWI NSI table on which to work or {CR}.

SCH9997 Character our-of-range A to Z. MFID is re-prompted.

Action: Enter a character inside the valid range or {CR}.

SCH9998 An attempt was made to set FNP to NO in LD 15.

Action: All data associated with FNP must be deleted prior to setting FNP to NO. In LD 15, set VNR to NO. In LD 87 and LD 90 set all FLEN to 0. In LD 86 set FSNI and MXFS to 0, MXDM and MXRL to 0-256, AC1 and AC2 to 0-99. In LD 24, set DFCL to a 7 or 10 digit length value.

Small Computer System Interface

SCSI messages appear when problems are encountered relating to the SCSI low level software.

SCSI messages

SCSI0001 Unable to initialize Interrupts for SCSI.

SCSI0002 Unable to initialize floppy drive x.

SCSI0003 Unable to initialize SCSI controller on IOP.

Action: Be sure IOP is in place and enabled.

SCSI0004 x File system initialization failed for floppy x.

SCSI0006 Floppy Disk INIT: Block device INIT failed for CMDU x.

SCSI0008 x Floppy Disk: Unknown floppy controller in CMDU x not supported.

SCSI0009 x Hard disk in CMDU x is not responding.

SCSI0010 x y Hard Disk Test: Partition x in CMDU y is not initialized.

Action: Reinstall software from installation disks.

SCSI0011 w x y z Read Test: Read failed near sector w, errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0012 x Floppy drive in CMDU x is not responding.

Action: Check the CMDU power, and IOP to IOP cables.

SCSI0013 Floppy Disk Test: Floppy disk is not initialized.

SCSI0014 x y CMDU x is not active, using CMDU y.
Action: Check the CMDU power, and IOP to IOP cables.

SCSI0015 Hard Disk Init: Both hard disks are disabled. Check CMDU power, and IOP to IOP cables.

SCSI0016 x File system initialization failed for x. Reinstall software from installation disks.

SCSI0017 w x y z Error writing to floppy disk, sector w, errNo x, sense y, addSense z.
Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0018 w x y z Error reading from floppy disk, sector w,errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0020 No response from hard disk in both CMDUs, or hard disks were incorrectly initialized. Be sure the CMDU power is on, and cables are in place.

Action: Reinstall software from installation disks if necessary.

SCSI0021 x Active shelf x has no active CMDU. Be sure there is a CMDU on active core shelf.

SCSI0022 x Controller self test failed.

SCSI0023 No active CMDU present.

Action: Ensure the CMDU is enabled, power is on, and cables are in place.

SCSI0024 Error reading from active hard disk.

SCSI0025 Error reading from standby hard disk.

SCSI0026 w x y z Error writing to active hard disk, sector w, errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0027 w x y z Error writing to standby hard disk, sector w, errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0028 w x y z Error reading from active hard disk, sector w, errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0029 x	Error reading from standby hard disk, sector x.
SCSI0030 x	Hard disk synchronization error. CMDU x is not the active disk.
SCSI0031	Synchronization failed because one or both hard disks are disabled. **Action:** Check standby CMDU power and cables.
SCSI0032	Synchronization failed because one or both hard disks are not initialized.
SCSI0033	Raw file system INIT failed for floppy drive x.
SCSI0034	Active drive partition bigger than standby.
SCSI0036	Comparison failed between Active and Standby hard disks for x.
SCSI0037	Synchronization called with invalid CMDU number x.
SCSI0038	Synchronization failed for x.
SCSI0039	No standby CMDU present. **Action:** Be sure standby CMDU power is on, and cables are in place.
SCSI0040	Timeout before writing active hard disk sector x.
SCSI0041	Timeout before writing standby hard disk sector x.
SCSI0042	Timeout before reading active hard disk sector x.
SCSI0043	Timeout before reading standby hard disk sector x.
SCSI0044	Watchdog timeout while accessing disk.
SCSI0100	CMDU Y, Error Reading from Hard Disk, sector X, errNo Z, sense W, add Sense V.
SCSI0101	CMDU Y, Error Writing to Hard Disk, sector X, errNo Z, sense W, addSense V
SCSI0102	CMDU X, Timeout before Reading from Hard Disk sector Y
SCSI0103	CMDU X, Timeout before Writing to Hard Disk sector Y
SCSI0104	CMDU X, Filename F Date D Time T Size S
SCSI0105	Files that are different in Dir: X
SCSI0106	Files that are different in Partition: P.

SCSI0107	This message is printed when list items exceed the allowable parameters.
SCSI0108 x	Partition X: Sector number %d does not match
SCSI0109 x y	CMDU x in Active Side is not latest, using CMDU y.
SCSI0110	Partition parameters of the Active and Standby drives are different
SCSI0111	Cannot decide latest CMDU, going with CMDU X
SCSI0112 x y z	Partition X: reporting Y sectors to sync. This is greater than partition size Z, so Sync will complete partition. **Action:** Reinstall software from installation diskettes if required.

Peripheral Software Download

The Peripheral Software Download (PSDL) feature stores Peripheral Software (PSW) on disk for

— Network Cards (NT8D04)

— Network/DTR (NT8D16)

— Controllers cards (NT8D01)

The PSW is downloaded to the peripheral cards when:

— system initialization occurs

— the card is enabled via ENLL and ENXP commands in LD 30 and LD 32

— the card undergoes power up reset

Control of initialization downloaded is defined in LD 97.

SDL messages

SDL0000 text Peripheral Software Download has occurred. The output format is:

SDL0000 device, VERSION x, mode

Where device is :

XNET loop = NT8D08 Network card loop number

XNPD loop = NT8D16 Network/DTR card loop number

XPEC xpec# (loop shelf) = NT8D01 Controller card

Where VERSION x = Peripheral Software version (0-99)

Where mode is :

FAST MODE (from initialization)

MAINT MODE (by ENLL command in LD30/LD32)

BKGD MODE (second attempt after initialization)

SDL0100 status Current status of the Peripheral Software Download process.

Status can be :

BUSY (download in process)

IDLE

SUSP (user loading a program with SUSP option)

ABRT (aborting)

SDL1301 Failure in starting the PSW download process.

Action: Do a manual initialization and try the download again. If still unsuccessful, do a manual SYSLOAD. CAUTION: Initialization and SYSLOAD will interrupt call processing.

SDL1302 Failure in continuing the PSW download process.

Action: Do a manual initialization and try the download again. If still unsuccessful, do a manual SYSLOAD. CAUTION: Initialization and SYSLOAD will interrupt call processing.

SDL2100 Cannot allocate memory for PSDL output buffers.

SDL2110 e hw a v m Failed to download software to device.

Where:

e (cause of the error) can be:

1 = Acknowledgment timeout error

2 = Peripheral Software (PSW) version or checksum error

3 = PSW record checksum error

4 = PSW record format error

5 = Card firmware state error

hw (card name) can be:

XNET (Network Card)XPEC (Peripheral Controller), etc.

a (card address) can be:

Loop for Network Card, Network/DTR Card

XPEC # (loop shelf) for Peripheral Controller

v is the PSW version

m can be:

FAST MODE (from initialization)

MAINT MODE (by ENLL command in LD 30)

BKGD MODE (second attempt after initialization from background program)

Action: Try to download to the card by using the appropriate enable command.

SDL2401 Failed to allocate a Call Register for Peripheral Software Download (PSDL).

Action: Do a manual initialization and try the download again. CAUTION: Initialization will interrupt call processing.

SDL4200 All target devices in the current Peripheral Software Download (PSDL) list failed download.

Action: Do the following in order:

1. Do a manual SYSLOAD and try download again. CAUTION: this will interrupt call processing.

2. Use a different set of system disks.

3. Replace all cards involved.

SDL5201 Invalid SL-1 software version.

Action: Check the software version on disk.

SDL5202 Peripheral Software (PSW) is not configured on the disk.

SDL5301 Insufficient memory for the Peripheral Software (PSW) subdirectory.

Action: Try manual initialization and retry the command. CAUTION: Initialization will interrupt call processing.

SDL5302 v The Peripheral Software (PSW) version v can not be found on the disk.

SDL5303 t The Peripheral Software (PSW) Type cannot be found on the disk.

Where t = the requested device Type, where:

XNET = Network card

XPND = Network/DTR card

XPEC = Controller card

SDL7111 loop Failure in writing Peripheral Software (PSW) data to a loop.

Action: Check the network card.

SDL7112 loop The Peripheral Controller, Network or Network/DTR card has requested an SDL download. The PSDL is waiting to recover the bad cards; but, they can also be recovered by the Midnight SDL Audit.

Action: If the program was loaded manually, exit the activity by entering "****" or “END” as soon as possible.

SDL7113 Trying to put the Peripheral Controller, Network or Network/DTR card into the PSDL tree has failed five (5) times. These cards will not be recovered by SDL.

Action: Initialize manually.

SDL7114 The SDL recovery request for this Peripheral Controller has been ignored, because of more than ten (10) requests so far today.

SDL7115 loop The SDL recovery request for this Network or Network/DTR card has been ignored, because of more than ten (10) requests so far today.

SDL7116 The request for SDL auto-recovery has not been queued nor processed. The system cannot get a three-word data block.

SDL7117 x y z An error occurred when downloading PSW records to the MSDL/MISP card.

Where: x = card type being downloaded

H.4 : MISP base code

H.5 : BRIL application

H.6 : BRIT application

H.7 : MSDL base code

H.8 : SDI application

H.9 : DCH application

H.10: AML application

Where: y = card address to which download was done (INDEX number of MSDL / MISP)

Where: z = Status of card (CSTAT value) for card type. MSDL base code and MISP base code. Status of card (STAT value) for applications on MSDL/MISP card.

SDL7118 x y z An error occurred when downloading PSW records to the MSDL/MISP card.

Meridian 1 was not able to send messages to MSDL/MISP card.

Where: x = card type that was being downloaded

H.4 : MISP base code

H.5 : BRIL application

H.6 : BRIT application

H.7 : MSDL base code

H.8 : SDI application

H.9 : DCH application

H.10: AML application

Where: y = card address to which download was done (INDEX number of MSDL/ MISP).

Where: z = Return value from MSDLMISP_HDLR

H.0 : Request to send message failed

H.2 : MSDL/MISP card is not operational

H.5 : No buffer available to send message to MSDL/MISP card

Action: Check the state of the MSDL card. Try to disable and enable MSDL/ MISP card from the software. If the problem persists, contact your technical support.

Security Administration Alarm

SECA messages

SECA0001 Authcode violation has been detected.

Action: Refer to the Operator Data for information regarding origination.

SECA0002 An unauthorized user (identified by its ANI/CLI) tried to reach called number (service) given in message data.

System Reports

The System Reports messages, appear during normal system operation. Some are warning messages and indicate an action must be taken. Others are information messages that indicate system activity and progress.

SRPT messages

SRPT0720 x	ROM OS x: Cold start. Running on CP x
SRPT0721 x y	ROM OS x: Cold start. Running OS version x created on y.
SRPT0722	ROM OS x: Loading “diskos” from f0/p/os/diskos.
SRPT0723	ROM OS x: Loading “diskos” from f0/diskos.
SRPT0724	ROM OS x: Loading “diskos” from f1/p/os/diskos.
SRPT0725	ROM OS x: Loading “diskos” from f1/diskos.
SRPT0726	ROM OS x: Loading “diskos” from p/os/diskos.
SRPT0727	ROM OS x: Loading “diskos” from p/diskos.
SRPT0730 x y z	OS x cold start. Release y. Created z.
SRPT0731 x y z	OS x warm start. Release y. Created z. Last cold start: date. Last warm start: date
SRPT0750	INI x: on side x due to cold start.
SRPT0751	INI x: on side x due to {reason}. Previous INI: {side} due to {reason}. INIs since switchover: x. INIs since cold start: x
SRPT0752	INI x: INI completed in y seconds.

SRPT0754	INI due to "x". Previous INI: “y”. INIs since cold start: z
SRPT0770	TOD x: Midnight job server starts on side x. Number of jobs to do: y.
SRPT0771	TOD x: Midnight job server restarts on side x. Reason: error in job {name}. Skipping first y jobs.
SRPT0772	TOD x: Skipping midnight job {name}.
SRPT0773	TOD x: Starting midnight job {name}.
SRPT0774	TOD x: Midnight jobs completed on side x.
SRPT0775	TOD x: Midnight jobs partially completed. Job list corrupted. **Action:** Consider Warm Start.
SRPT0780	RST x: Manual INIT in progress.
SRPT0781	RST x: Warm Start in progress. Reason: {x}
SRPT0782	RST x: Cold Start in progress. Reason: {x}
SRPT0783	RST x: Restart threshold exceeded for task {name}.
SRPT0784	RST x: Warning: unregistered task being restarted.
SRPT0785	RST x: Task being deleted. Task ID {name}.
SRPT0786	RST x: Task being restarted. Task ID {name}.
SRPT0787	RST x: System recovery failure: Task {name}. **Action:** Reload the system with the Manual Reload button (bottom).
SRPT0788	RST x: Restart subsystem failure (no automatic restart). **Action:** Reload the system with the Manual Reload button (bottom).
SRPT0789	RST x: Exception caused task restart: TID {x}, vec {y}, pc {z}.
SRPT4500 x	Skipping slot X. Cannot calculate address to check for CP with cable.
SRPT4501 x	Skipping slot X. Cannot get card ID.
SRPT4502	CP Single Mode: Timeout waiting for response from remote CP. **Action:** Check that both CPs have the same number of SIMMs.

SRPT4503 CP Single Mode: Remote processor is not CP.

Action: Be sure remote processor is CP.

SRPT4504 CP Single Mode: CP redundancy impossible. No CP to CP cable.

SRPT4505 CP Single Mode: CP redundancy impossible. There is no remote power.

Action: Check CE power supply on remote Core module. Be sure the CP to CP cable is properly connected.

SRPT4506 CP Single Mode: CP redundancy impossible. Both shelves have the same ID.

Action: Set the JB4 jumper on the backplane so both sides match.

SRPT4507 CP Single Mode: CP redundancy impossible. Both switches are in MAINT.

Action: Check that at least one of the CP Norm/Maint switches is in Norm mode (up).

SRPT4508 CP Single Mode: could not synchronize CSA space.

SRPT4509 Could not set CP semaphore bit (side x).

SRPT4510 CP Single Mode: memory shadow test failed.

Action: Reseat or replace the Standby CP.

SRPT4511 x Cannot open BIC window (slot x). Cannot check for CP cable.

SRPT4512 x Cannot close BIC window (slot x).

SRPT4513 x Could not get CP semaphore bit (side x).

SRPT4514 x Skipping slot x, cannot calculate address to see if CP bit is set.

SRPT4515 Unable to find the active CMDU.

SRPT4516 Unable to find the diskos.sym file.

SRPT4517 x CP: Switching from CPU x to preferred side.

SRPT4538 LDR: Inconsistencies in boundaries of previous sl1 load.

SRPT4539 LDR: Inconsistencies in boundaries of previous ovl load.

SRPT4540 LDR: Error loading SL-1 file into memory.

SRPT4541 LDR: Error loading overlay file into memory.

SRPT4542 LDR: Error in loading, last address {n}.

SRPT4543 LDR: Error returned from segInit2{n}.

SRPT4544 LDR: Error getting dloPathFileName for ovlres.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4545 LDR: Unable to open {file name}.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4546 LDR: Error sl1_start_addr {n}, last sl1_prot_address {x}.

SRPT4547 LDR: Error initializing SL-1 pool and data area.

SRPT4548 LDR: Error getting dloPathFileName for ovlres.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4549 LDR: Unable to open {file name}.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4550 LDR: Error in loading, last SL-1 address {n}.

SRPT4551 LDR: Overlay start address {n} overlaps end of SL-1 area {x}.

SRPT4552 LDR: Error ovl_start_addr {n}, last_ovl_prot_addr {x}.

SRPT4553 LDR: Error initializing overlay data area.

SRPT4554 LDR: Error calling ovlres entry.

SRPT4555 LDR: Invalid parameter to ldrNextPage, address {n}.

SRPT4556 LDR: Seek error while loading (OVL or INSTALL) code file.

SRPT4557 LDR: Error reading a_out header from file (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4558 LDR: Invalid a_out header in file.

SRPT4559 Error reading link header.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4560 LDR: Invalid link header in file.

SRPT4561 LDR: IModule not linked to page boundary.

SRPT4562 LDR: Seek error while loading (OVL or INSTALL) code file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4563 LDR: Error reading a_out header into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4564 LDR: Error reading text segment from disk into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4565 LDR: Error reading data segment from disk into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4566 LDR: Seek error while loading SL-1 code.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4567 LDR: Error reading a_out file from SL-1 file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4568 LDR: Invalid a_out header in SL-1 file.

SRPT4569 Error reading link header from file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4570 LDR: Invalid link header in file.

SRPT4571 Module not linked to page boundary.

SRPT4572 LDR: Seek error while loading code. Reload the system with the Manual Reload button.

Action: Reinstall software from installation disks.

SRPT4573 LDR: Error reading a_out header from disk into memory.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4574 LDR: Error reading text segment from disk into memory.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4575 LDR: Invalid data segment in SL-1 module.

SRPT4576 Error access in code file. Reload the system with the Manual Reload button.

Action: Reinstall software from installation disks.

SRPT4577 LDR: Error reading data segment from disk into memory.

Action: Reload the system with the Manual Reload button.

SRPT4578 LDR: Invalid a_out header in memory (OVL or INSTALL).

SRPT4579 LDR: Invalid link header in memory (OVL or INSTALL).

SRPT4580 LDR: End of Protected data = x (OVL or INSTALL).

SRPT4581 LDR: Unprotected data start x overlaps Unprotected data end at y (OVL or INSTALL).

SRPT4582 LDR: Error copying data from Protected memory to Unprotected memory for static modules.

Action: Reinitialize the system with the INIT button.

SRPT4583 LDR: Invalid a_out header in memory.

SRPT4584 LDR: Invalid link header in memory.

SRPT4585 x LDR: End of Protected data = x.

SRPT4586 x y LDR: Unprotected data start x overlaps Protected data end at y.

SRPT4587 LDR:Error copying data from Protected memory to Unprotected memory for SL1 modules.

Action: Reinitialize the system with the INIT button.

SRPT4588 Auxiliary processor has been reset.

SRPT4589 System security device is not functioning or has been removed.

SRPT4590 System security device problem has been resolved.

SRPT4591 PDT password reset failed.

Action: Contact NT support.

SRPT4592 PDT password reset successful.

SRPT4593 PDT password file restored from backup.

SRPT4594 Unable to mount device because of Database Upgrade Tool or an incompatible PCMCIA card has been inserted on device a: or b:

Action: Contact your technical support group.

SRPT4619 Last Archive Procedure had failed.
No archives were completed since month day hour: minute: second year.

Action: Use LD 143 to perform Attended Backup (ABKO)

System Loader

This program is loaded into memory whenever a complete program and data load is required. SYSLOAD occurs when:

— the system is powered-on,

— the system RESET button is pressed

— the RELOAD buttons on the Changeover and Memory Arbitrator cards are pressed simultaneously

— a CE fault or power failure has caused some of the system memory contents to be destroyed.

This program loads all call processing programs and office data from the storage device into system memory. During this procedure, it diagnoses all memory faults and presents fault information on any TTY which is equipped. When the loading is complete (5 to 25 minutes):

— this program is erased from memory

— the initialize program (INI) is run

— call processing commences.

Format of SYS messages

SYS messages are formatted as SYSxxx to indicate a warning message and SYSxxx FATAL to indicate a fatal error requiring hardware replacement. Warning messages may be followed by an additional field indicating program number, terminal number (TN), customer data block (CDB) number, route data block (RDB) number, etc., of the data block in error.

The general format of Generic X11 SYSLOAD SYSLOAD Error error messages is:

SYSxxx dsid dsindex

where:

dsid = the data structure identifier

dsindex = the data structure index number.

Corrupted data structures

Some SYS messages may also prevent a data dump from occurring due to corrupted data. Investigate and resolve any SYSXXX messages. Add or correct data as required and then attempt to data dump (LD 43) onto a second copy of the tape or disk. If “EDD016 No Go Bad Data” is printed, use the EDD CLR command, then reload from the new copy to check that data is now valid.

SYS messages

SYS0000 SYSLOAD has taken place.

For Omega machines, output may be one of:

1. SYS0000 0500 = Machine may have been switched on with a tape or disk in place. No action.

2. SYS0000 CPU x = SYSLOAD controller switch from one CPU to the other, subsequent to SYS0000 {source} {...(see below).

3. SYS0000 {source} {page} {addr} {dis} code {prev} CPU x.

4. SYS0000 {source} {addr} {dis} CODE {prev} CPU x

Where: {source} = cause of SYSLOAD. Given only if a fault is detected.

{source} may be one of:

0400 = Power-on reset

0803 = Network disconnected from CPU (faulty connection from SBE to network or defective or disabled SBE; SL-1 XN only)

0805 = Soft switch

1000 = Parity error

2000 = Watchdog

4000 = Write-protect violation

8000 = Response timeout

{page} = Fault page (4-digits hexadecimal)

{addr} = Fault address (4 to 6 digits hexadecimal)

{dis} = Last maintenance code digit display (2-digits hexadecimal)

CODE {prev} = previous history fault. May be one of:

001X—Extender-generated bus fault

002X—Page 0 memory test fault

003X—Memory page decoding fault

004X—Switch CPU fault

CPU x = CPU number used for SYSLOAD

For C types machines (81, 81C, 61C and 51C) machines, output is as follows:

Format of the message is:

xxyy 0 {addr} {dis} CPU z

Where:

xx = cause of SYSLOAD. Given only if a fault is detected. xx is one the following HEX numbers:

04 = Hardware reset (i.e. Powerupt or manual reset)

08 = Software reset (i.e. not a hardware reset and not a sanity reset)

20 = Sanity reset (i.e. Hardware watchdog timer timed out)

Where:

yy = is the most recent trap source, set to one of the following HEX codes:

21 Hardware Sanity Timeout

22 SWO: Failure on switchover

23 SWO: Too many switchovers

24 WARM: Disk OS Warmstart failure

25 WARM: Too many Disk OS Warmstarts

26 WARM: Disk OS not loaded

27 RESET: Forced Switchover in progress

28 RESET: Soft Reset in progress

29 TASK: Unable to create msg queue

2A Protected Memory checksum failure

2B INFO: Disk OS Warmstart begins

2C INFO: DRAM is uninitialized

2D Restart: Can't delete safe task

2E RESET: Task threshold exceeded

2F WARM: Exception vector threshold exceeded

30 WARM: total Exception threshold exceeded

31 WARM: Non-bus error exception in interrupt

32 WARM: Exception handling already busy

33 WARM: Exception call to RestartTask() failed

34 RESET: Manual INIT requested

35 SEG: Checksum failure detected
36 SEG: Disk OS Text segment corrupted
37 SEG: Disk OS partitions corrupted
38 DISKOS: Unable to load SL1
39 DISKOS: Unable to start SL1
3A INSTALL: reboot after installation
3B IOP Bus Error on active IOP
3C Parity Error on both sides
3D Parity Error in Split mode
3E Parity Error - remote SIMM: missing
3F Parity Error - remote SIMM: disabled
40 HI: bus error recommended action
41 HI: bus error TASK_RESTART for safe task
42 HI: Warm Start not possible
43 SWD expired for task with Warmstart option
<44 - 48 unused>
49 OS: manual (PDT) request (TRP)
4A OS: request to reboot (sysToMon) (reboot x)
4B OS: Reset task initialization failed
4C OS: Scheduler initialization failed
4D OS: S/W watchdog initialization failed
4E OS: Protected Memory initialization failed
4F OS: Security Cartridge check failed
50 OS: Normal recovery from bus error
51 OS: Unable to recover from bus error
52 OS: Unable to run "diskos"
53 OS: Unable to load "diskos"
54 OS: Disk volume initialization failed
55 OS: SCSI initialization failed
56 OS: DOS file system initialization failed

57 OS: IOP initialization failed

58 OS: Exception handlers initialization failed

59 OS: IO subsystem initialization failed

5A OS: Clock initialization failed

5B OS: Failed during Loader run

5C OS: Failed to spawn Loader task

5D OS: kernel initialization failed

5E OS: diskos Prot mem seg overlaps Unprot mem seg

5F Operating System level command to coldstart.

{addr} - Fault address (4 to 8 digits hexadecimal)

{dis} = Last maintenance code digit display (2 digits hexadecimal)

CPU z = CPU number used for SYSLOAD

SYS0001 FATAL System real-time clock (RTC) does not respond. The Peripheral Signaling providing clock or the Control, Interface and Memory (CIM) card may be faulty.

SYS0002 FATAL Configuration record not found. The system is not able to load with this storage medium. Replace active storage medium with backup.

Action: Press RESET button (or both RELOAD buttons simultaneously) to restart the SYSLOAD.

SYS0003 FATAL Unable to allocate sufficient memory to load firmware.

Action: A memory fault must be cleared or more memory must be equipped.

SYS0004 FATAL Unable to allocate the overlay area.

Action: A memory fault must be cleared or more memory must be equipped.

SYS0005 FATAL DNXLXXX program not on storage medium. A vital program is missing from the storage medium.

Action: Initiate SYSLOAD. If SYS0005 F is reprinted, replace active storage medium with backup. Initiate SYSLOAD again. If system loads correctly, return defective storage medium to manufacturer.

SYS0006 FATAL Primary storage medium has permanent interrupt. The storage device is disabled and cannot be enabled until the fault is cleared.

SYS0007 D70 Network Mode data cannot be loaded when the Master Mode package 309 is restricted.

SYS0008 FATAL Active CPU faulty.

Action: Force a switch to idle CPU.

SYS0009 FATAL Not enough memory for operation.

Action: A memory fault must be cleared or more memory must be equipped.

SYS0010 FORCED Memory 0 failure.

Action: If more than one memory module on any shelf fails, then suspect bus extenders. Use maintenance storage medium, if the fault cannot be cleared.

SYS0011 FORCED Memory 1 failure.

Action: If more than one memory module on any shelf fails, then suspect bus extenders. Use maintenance storage medium, if the fault cannot be cleared.

SYS0012 TBAR Package is not equipped. FTOP in CDB reset to FRES.

SYS0013 % Cannot load UIPE JTTC data when JTTC package (#335) is restricted.

SYS0014 Existing data removed because FCDR package is restricted.

SYS0015 JTTC Package is not equipped; data lost.

SYS0016 DMWI package removed since neither MW, IDA or DPNSS package is equipped.

Action: Equip with the appropriate package.

SYS0017 Only digital consoles can have an IADN.

SYS0018 Default CLID info is present but the MMCS package is not equipped.

Action: Sysload again with MMCS package #317

SYS0019 International CLID info is present, but the MMCS package is not equipped.

Action: Sysload again with MMCS package #317 equipped.

SYS0020 FATAL Memory failure on protected data store, memory pack 0.

SYS0021 FATAL Memory failure on protected data store, memory pack 1.

SYS0022 The Path Replacement RCAP (PRI/PRO) is removed because the QSIG SS package #316 is restricted.

SYS0023 All QSIG Supplementary services RCAP are removed since the GF package is not equipped.

Action: Equip package #305. Sysload and reconfigure the QSIG RCAP for supplementary services.

SYS0024 Invalid message type detected when transferring a loss plan (losp) file. Transmission can be adversely affected.

Action: Contact your technical support group.

SYS0025 A loss plan structure was found in illegal state.

Action: Contact your technical support group.

SYS0026 No cards were specified in transfer of the data from card.db file. Transmission will be adversely affected.

Action: Contact your technical support group.

SYS0027 Invalid message type detected when transferring an attribute (attr) file data. Transmission will be adversely affected.

Action: Contact your technical support group.

SYS0028 Too many GTDs were specified in the attr.db file loaded.

Action: Contact your technical support group.

SYS0029 The starting GTD specified in the attr.db file was beyond the limit in the system.

Action: Contact your technical support group.

SYS0030 No GTD definitions were supplied. Transmission will be adversely affected.

Action: Contact your technical support group.

SYS0031 The ending GTD specified in the attr.db file was beyond the limit in the system.

Action: Contact your technical support group.

SYS0032 Memory could not be allocated for storing TNs for GDLS default port type allocation.

Action: Contact your technical support group.

SYS0033 No list of TNs for default port type allocation was found.

Action: Contact your technical support group.

SYS0034 A problem occurred during the reading of the GDLS loss plan files.

Action: Contact your technical support group.

SYS0035 Trying to load Numeris Master Mode data with MMCS or Master Mode packages that are unequipped. The data will be lost.

Action: Equip Packages 309 and 317 and re-load.

SYS0036 CNAME package has been automatically turned off because the system is not equipped with the CPND package.

Action: Contact your technical support group if the system is incorrectly packaged.

SYS0037 CMOD unit data is discarded because the system is CNUMB AND CNAME package restricted.

Action: Contact your technical support group if the system is incorrectly packaged.

SYS0038 The CIS MFS package is equipped and the CIST package is not equipped.

SYS0039 ICS MFS package equipped and CIST package not equipped.

Action: Enable the CIST package and reload the system.

SYS0040 I/O device number 0 is incorrect type. An error has been made in the data on the storage medium.

SYS0041 I/O device number 1 is incorrect type. An error has been made in the data on the storage medium.

SYS0042 CMOD list is not created due to a lack of memory.

Action: Contact the distributor and request the expansion of the system memory size.

SYS0043 Invalid CMOD unit number (i.e. >31) is encountered. CMOD unit is not added into the system CMOD list.

Action: A system memory corruption might have occurred. Contact your technical support group.

SYS0050 CPU has no spare memory module.

SYS0051 DMI entry has been discarded due to a missing FNP (160) package

Action: Contact your technical support group if the system is incorrectly packaged.

SYS0052 SIDE is defined on a DASS2 route but the MMCS package is not equipped.

SYS0053 Microcellular packages restricted. Mobility related data will be removed from database.

Action: For Microcellular/Mobility, packages 302 (.MOSR) and 303 (.MMO) are required. Contact your technical support group.

SYS0054 Mobility related data blocks are removed. Possibly, superloop does not exist.

Action: Contact your technical support group.

SYS0055 Invalid value in the EBLN ISM parameter.

SYS0060 CPU has no spare memory module. Too many logical units, TDS or MFSD loops for I/O table.

SYS0070 FATAL Primary storage medium fault. Storage medium not ready or head fault detected.

SYS0071 A record could not be read from storage medium. A storage medium fault is indicated. System may still load, even though data or programs are missing.

SYS0072 A storage device function timed out. A fault in the storage device interface (TI or MSI) or storage device (TU or MSU) is indicated. System may still load even though data or programs are missing.

SYS0073 Data could not be accessed from one tape track or disk address. A fault in the storage device interface (TI or MSI) or storage device (TU or MSU) is indicated. System may still load even though data or programs are missing.

SYS0079 Both CPU faulty.

SYS0080 Active CPU faulty. Initiating CPU switch.

SYS0081 Physical available memory does not match configuration memory but fulfills minimum requirement to allow a sysload.

SYS0082 Segmented Bus Extender (SBE) configured but not equipped.

SYS0083 SBE equipped but not configured.

SYS0084 Secondary memories disabled; all primary memories used. (Procedure DO_OVLY_AREA.)

SYS0085 SMART ROM MTYP 0 assumed (procedure CHECK_ROM_TAG).

SYS0086 Corrective ROM MTYP 192 assumed (procedure CHECK_ROM_TAG).

SYS0087 Memory configuration error (procedure BUILD_MOD_MAP).

SYS0088 QPCxxxy ROM issue not compatible with software issue (procedure CHECK_ROM_TAG), where xxx is the QPC code and y is the vintage code of the ROM. Systems with vintage B and later ROM cards can disregard this message. All normal operations on an upgraded system are unaffected.

SYS0089 CPU p b Memory block b on page p is not configured. (Procedure ISSUE_ERRORS.)

SYS0090 x Memory x failure. For system options XN, NT, XT, RT, 51, 61 and 71 the value of x can be:

0=pack 0 memory 0

2=pack 2 memory 0

10=pack 0 memory 1

11=pack 1 memory 1

12=pack 2 memory 1

For all other system options:

0= page 0 memory 0

0=page 1 memory 0

0=page 2 memory 0

2=page 8 memory 0

2=page 9 memory 0

2=page 10 memory 0

3=page 12 memory 0

3=page 13 memory 0

3=page 14 memory 0

10=page 0 memory 1

10=page 1 memory 1

10=page 2 memory 1

11=page 4 memory 1

11=page 5 memory 1

11=page 6 memory 1

12=page 8 memory 1

12=page 9 memory 1

12=page 10 memory 1

13=page 12 memory 1

13=page 13 memory 1

13=page 14 memory 1

This message may indicate an incorrect ROM card.

SYS0091 x Page decoding fault on memory x (0 or 1). Page decoding faults will cause all the memory cards being tested at the time of the failure to be marked “failed”.

SYS0092 x CMA fault on memory x (0 or 1).

SYS0093 INHIBITS xxxx If multiple reload attempts occur, past history failures may cause serious assumed fault conditions indicated by xxxx as follows:

1. 0001 = Primary page 0 assumed faulty. No attempt will be made to test this memory card.

2. 0002 =Secondary page 0 assumed faulty. No attempt will be made to test this memory card.

3. 0004 =Primary page decode assumed faulty. No attempt will be made to test the memory.

4. 0008 =Secondary page decode assumed faulty. No attempts will be made to test the memory cards on this memory shelf.

5. 0010 =Enabling of extenders caused bus fault. The extenders will not be enabled.

6. 0020 =switch to standby CPU will not be attempted.

7. 0040 =Execution from active CPU will not be attempted.

8. 0080 =Trap sequence determined primary page 0 faulty. Card will be re-tested.

9. 0100 =Trap sequence determined secondary page 0 faulty. Card will be re-tested.

SYS0094 x Memory page x passes test but the memory page is not in the configuration. Memory packs that are installed and not identified in the configuration record are tested but not used for loading programs or data. Such cards are indicated by x which can be the same as for SYS0090.

SYS0095 x Indicated split memory option for the memory card differs from the majority. (The data store memory split option is verified on a “majority opinion” basis of each memory card and the configuration record.

SYS0096 Configuration changed from split to non-split. The configuration record differs from both memory packs concerning the “split data store” option. In this event, the configuration record is changed to agree with the majority.

SYS0097 Configuration changed from non-split to split. The configuration record differs from both memory packs concerning the “split data store” option. In this event, the configuration record is changed to agree with the majority.

SYS0098 x Memory x changed from unequipped to equipped. Configuration-equipped memory cards are forced to be consistent with the split option and with minimum system requirements.

Memory cards which are incorrectly equipped are indicated by x as follows:

0=page 0 memory 0

0=page 1 memory 0

0=page 2 memory 0

10=page 0 memory 1

10=page 1 memory 1

10=page 2 memory 1

SYS0099 x Memory x changed from equipped to not-equipped. Where: x is interpreted as it is in SYS0098.

SYS0100 CPU switchover initiated by SYSLOAD.

SYS0101 code xxx Where CODE can be either PROG (Program xxx has length error) or INTR (Intrinsic length error).

SYS0102 code xxx Where code can be either PROG (Vector number out of range, program xxx) or INTR (Intrinsic number out of range).

SYS0103 code xxx Where code can be either PROG (Program xxx already loaded) or INTR (Intrinsic already loaded).

SYS0104 INTR 0 No intrinsic on storage medium. This is a warning only.

SYS0105 PROG xxx SL-1 assembler routines are not supported. Programs containing such code will not be loaded.

SYS0106 Program number is in old compiler format.

SYS0190 Valid TN is in the DN block. TN is rejected.

SYS0191 Invalid TN is in the DN block; TN is rejected from DN block.

SYS0201 Data block length error.

Output data depends on software as follows:

X11: xxxx yyyy (data structure identifier & index number)

X08: TN l s c u: terminal number

Action: See “Corrupted data structures” in the SYS introduction.

SYS0202 TN l s c u Station type does not match card type.

SYS0203 TN l s c u Secondary attendant block forces out TN already loaded.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0204 TN l s c u Unit number of Digitone receiver not zero.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0205 TN l s c u Unit number of trunk not zero or one.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0206 Loop number out of range.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0207 Shelf not in configuration record (local or remote).

Action: See “Corrupted data structures” in the SYS introduction.

SYS0208 TN l s c u Invalid pointer to station data. Program error.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0209 A Call Park Block has been discarded due to its number conflicting with an existing Call Park Block.

Action: Contact your technical support group.

SYS0210 ARS data block does not exist.

SYS0211 ARS user codes exceed table size.

SYS0212 SCL DND template number exceeds length of list allocated. EDD error.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0213 Attempt to use nonexistent ARS schedule block.

SYS0214 Conversion error.

SYS0215 Storage medium directory error.

SYS0216 Patch block error.

SYS0218 Limit on number of storage medium, teletype and History File units exceeded (limit is 16 units).

SYS0219 Incompatible feature packages are enabled. Attendant Overflow Position feature package is changed to restricted because Centralized Attendant Service Main or Remote feature package is not restricted.

SYS0227 Unable to allocate enough PDS for converted SL-1 station.

SYS0229 Same as SYS0227.

SYS0230 Customer Data Block (CDB) does not exist when loading Automatic Call Distribution (ACD) blocks.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0231 Number of ACD blocks exceeds list size.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0232 key cust dn ACD-DN does not exist in DN tree.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0233 Data assigned to SL-1 ACD key is invalid, or the data assigned can not be used with 500/2500 sets as ACD stations.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0234 Number of stations assigned to ACD group exceeds maximum.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0236 Authorization code data block does not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0237 Too many authorization codes in authcode table.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0240 CDB does not exist for Direct Inward System Access (DISA) data block.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0241 Too many DISA data blocks in DISA list.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0242 Number of dial intercom groups exceeds maximum allowed in customer data block.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0245 Too many different SL-1 telephone configurations or 500/2500-type set configurations have been created.

Action: Make more sets with identical feature configurations and key layouts. See “Corrupted data structures” in the SYS introduction.

SYS0250 Tree data blocks corrupted. Tree will be released.

SYS0251 Unable to locate New Flexible Code Restriction (NFCR) pointers table.

SYS0252 Unable to locate tree block pointers table.

SYS0253 <TN> PSPCA Class of Service only allowed for IPE, TIE< E&M trunks with MIA Class of service. Class of service changed to SPCD.

Action: DO NOT DATADUMP.

SYS0254 The number of digital TN’s exceeds the Digital TN limit and no further TN’s can be sysloaded.

SYS0255 The number of analog TN’s exceeds the Analog TN limit and no further analog TN’s can be sysloaded.

SYS0256 Unable to allocate memory for PLUGIN data block.

SYS0257 PLUGIN pkg not equipped, PLUGIN data cleared.

SYS0300 tn Customer data block does not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0301 ACD supervisor key assigned to an agent station.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0302 ACD display queue key has invalid ACD DN.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0303 More than 9 supervisors are assigned to a simple ACD DN.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0304 Agent key assigned but agent does not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0305 Agent key identifies agent who already has another supervisor.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0306 Agent key assigned identifies a supervisor station.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0307 Attempt to assign an ACD agent function to a non-ACD set.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0308 Attempt to assign a ’call supervisor’ key to the supervisor.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0310 key cust dn Illegal digits in DN.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0311 Not-ready-key is assigned to a non-ACD station.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0312 CAS key assigned to SL-1 telephone but CAS data blocks do not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0315 A function requiring an LED is assigned to a non-LED key.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0316 CAS key assigned to SL-1 telephone but CAS data blocks do not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0317 More than 10 CAS keys have been assigned to SL-1 telephones.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0320 TN l s c u DN assigned dials operator.

SYS0330TN l s c u Shorter DN already exists. For SYS033xxxx, xxxx is the DN concerned.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0340 TN l s c u Longer or equal length DN already exists.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0350 N l s c u Loop number in Directory Number block does not match TN.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0360 TN l s c u Trunk member number out-of-range.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0370 TN l s c u Route data block does not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0380 TN l s c u Attendant member number out of range or in use.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0385 TN of the terminal is not the prime DN of attendant.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0390 TN l s c u Attendant Directory Number block of wrong type.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0391 Invalid TN for attendant.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0400 TN l s c u Assigned DN has more than 16 stations.

SYS0410 TN l s c u DN call type in conflict, i.e., single vs multiple.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0420 Network loop in configuration record conflicts with existing loop.

SYS0421 Tone loop in configuration record conflicts with existing loop.

SYS0422 Conference loop in configuration record conflicts with existing loop.

SYS0423 MF Sender in configuration record conflicts with existing loop.

SYS0430 Private DN in trunk data block conflicts with existing DN.

SYS0500 CPU test failed on nonactive CPU.

SYS0510 Changeover and Memory Arbitrator (CMA) pack failed to respond. Faulty CMA pack.

SYS0511 CMA pack indicated that nonactive CPU failed CPU test. Probable fault on nonactive CPU or CMA pack.

SYS0514 The loop does not exist in LD 73.

SYS0520 Unable to find data for other CPU after switchover.

SYS0600 Emergency conference group out-of-range (0 to 9).

Action: Check data.

SYS0601 Emergency conference member out-of-range (1 to 10).

Action: Check data.

SYS0602 Software problem.

Action: Contact your technical support group.

SYS0603 Two TNs assigned as the same member of the same group.

Action: Check data.

SYS0606 id index Customer data block number read from the storage medium record header greater than the size of the customer data block pointer array. The output data is defined as follows:

Where:

ID = Structure Identifier

INDEX = Index number definition

The meaning of the possible id—index are:

1. ESN—Customer number = error occurred while loading ESN data block (ESN_DATA_BLK).

2. ESNS—Data block index = error occurred while loading supplementary digit block (ESN_SDR_BLK).

3. ESNL—Customer number = error occurred while loading location route block (ESN_LOC_RTE_BLK).

4. ESNR—Data block index = error occurred while loading route list (ESN_RTE_LIST_BLK).

5. ESND—Data block index = error occurred while loading digit manipulation block (ESN_DM_BLK).

SYS0607 id index Electronic Switched Network (ESN) data structure was loaded from storage medium but a corresponding customer data block to reference this structure does not exist.

Action: See SYS606 for output data.

SYS0608 id index More than one ESN data block was loaded from storage medium for the same customer.

Action: See SYS606 for output data.

SYS0609 id index One of the ESN data structures which are referenced from the ESN data block was loaded but the ESN data block does not currently exist for the corresponding customer.

Action: See SYS606 for output data.

SYS0610 id index Insufficient protected data store for supplementary digit pointer block.

Action: See SYS606 for output data.

SYS0611 id index The supplementary digit restriction index read from the storage medium record header is greater than the maximum value, which is stored in the ESN data block.
Action: See SYS606 for output data.

SYS0612 id index More than one supplementary digit restriction block was found on storage medium for the same customer and index.

Action: See SYS606 for output data.

SYS0613 id index Insufficient protected data store memory space to set up the route list pointer block.

Action: See SYS606 for output data.

SYS0614 id index Route list index read from the storage medium record header greater than the maximum value, which is stored in the ESN data block.

Action: See SYS606 for output data.

SYS0615 id index More than one route list block was found on storage medium for the same customer and index.

Action: See SYS606 for output data.

SYS0616 id index Insufficient protected data store memory space to set up the digit manipulation pointer block.

Action: See SYS606 for output data.

SYS0617 id index Digit manipulation index read from the storage medium record header is greater than the maximum value, which is stored in the ESN data block.

Action: See SYS606 for output data.

SYS0618 id index More than one digit manipulation block was found on storage medium for the same customer and index.

Action: See SYS606 for output data.

SYS0619 id index More than one location route block was found on storage medium for the same customer and index.

Action: See SYS606 for output data.

SYS0620 id index Insufficient protected data store memory space to set up a block in the network translation tree.

Action: See SYS606 for output data.

SYS0621 id index One of the translation table digits read from the storage medium is out-of-range.

Action: See SYS606 for output data.

SYS0622 id index The same sequence of digits has been read from storage medium for the specified network translation table.

Action: See SYS606 for output data.

SYS0623 id index Cannot enter any more ARS digit manipulation records into ESN digit manipulation block, because ESN DM block is full.

Action: See SYS606 for output data.

SYS0624 id index Cannot convert ARS codes other than three digits in length.

Action: See SYS606 for output data.

SYS0625 id index Cannot convert digit manipulation entry as length is greater than 20 digits.

Action: See SYS606 for output data.

SYS0626 NARS is not available.

SYS0627 Translation data is corrupted.

SYS0628 Route list pointer.

SYS0629 Trunk route data.

SYS0630	Location route data.
SYS0631	Route list entry data.
SYS0632	Insufficient protected data store memory space to set up the Free Calling Area Screening (FCAS) pointer block.
SYS0633	More than one FCAS NXX block was found on storage medium for the same customer, index and NPA.
SYS0634	The FCAS index read from the storage medium record header is greater than the maximum value, which is stored in the ESN data block.
SYS0638	NARS—Invalid NXX.
SYS0639	NARS—FCAS data cannot be accessed.
SYS0640	Cannot perform data conversion for this generic/release/version of storage medium.
SYS0641	The value of the variable 'BLOCKTYPE' was out-of-range. This variable is set to the storage medium header word 'TAPEBLOCKTYPE'.
SYS0642	The customer data block number read from the storage medium record header is greater than the customer data block pointer size.
SYS0643	No customer data block exists to which authcode can be attached.
SYS0644	The block number read from the storage medium record header does not match the expected block number.
SYS0645	More than one block was read from storage medium with the same block identification.
SYS0646	The authcode header table (AUTH_TABLE_BLK) does not exist to which the remaining authcode data blocks may be attached.
SYS0647	Authcode conversion can occur only in conjunction with the BAUT package and not the NAUT package.
SYS0648	During conversion, more different class codes were read from storage medium than there is room in the new class code table.
SYS0649	Attempt to allocate protected data store memory space failed.
SYS0650	During conversion, two authcodes which contained identical digits were loaded.

SYS0653	Cannot allocate space for NCTL block which should be split from the ESN data block.
SYS0654	More than one Coordinated Dialing Plan (CDP) list was found on storage medium for the same customer.
SYS0655	The index for the TDET block was 0 or greater than the maximum size.
SYS0666	Cannot allocate memory for DCH table of PTRs.
SYS0667 c	PRA option for customer c was turned off because ISA is restricted.
SYS0668 x	Cannot load data block for DCH x when the ISA and/or DTI packages are restricted.
SYS0669 loop	Cannot load data block for PRI loop when the ISA and/or DTI packages are restricted.
SYS0670 r c	Cannot load route r for customer c when the ISA package is restricted and the route configured to have B channels.
SYS0671 r c	SDN option for route r in customer c is turned off because ISA is restricted.
SYS0672	The provisioned ROM (QPC717) does not support Expanded Memory.
SYS0673	The MISC/PS board (QPC709) has been fitted with an improved ROM (QPC717D).
SYS0674	The Meridian ST ROM (QPC717D) with MISC/PC (QPC709C) and the expanded memory boards (QPC814)—MTYP 768 is assumed. Only issued when the configuration record indicates something other than 768.
SYS0700 xx	This message indicates self-test results, and call processing status. xx refers to appended numbers that follow the SYS700 message itself. Each set of numbers is associated with a specific call processing or self-test activity. They appear as the activity takes place. 00 = Begin CP board reset 01 = Begin SRAM self- test 02 = ROM created on {date} 03 = Beginning DRAM self-test; DRAM being configured 04 = Booting ROM Operating System

SYS0701 xx This message indicates self-test results, and call processing status. xx refers to appended numbers that follow the SYS701 message itself. Each set of numbers is associated with a specific call processing or self-test activity. They appear as the activity takes place.

01 = ASIC ICC failure

02 = SRAM test failure

03 = CP test failure

04 = HPM test failure

05 = PEROM checksum failure

06 = SRA ASIC failure

07 = CMB ASIC failure

08 = BIC ASIC failure

09 = Duarte test failure

10 = Time of day clock failure

11 = No DRAM available

12 = LCD display test failure

SYS0702 x x x x x x DRAM size (in megabytes). Each x indicates a bank populated, with a maximum of 6 banks available.

SYS0703 xxxx Self-tests completed. xxxx refers to the test flags. 0FFF indicates that all the tests passed.

SYS0704 Soft reset completed.

SYS0705 xx This message indicates self-test results, and call processing status. xx refers to appended numbers that follow the SYS705 message itself. Each set of numbers is associated with a specific call processing or self-test activity. They appear as the activity takes place.

00 = CPU speed unknown

01 = CPU speed less than 25 Mhz

02 = CPU speed at 25 Mhz

03 = CPU speed between 25 Mhz and 33 Mhz

04 = CPU speed at 33 Mhz

05 = CPU speed between 33 Mhz and 40 Mhz

06 = CPU speed at 40 Mhz

07 = CPU speed greater than 40 Mhz

SYS0706 xx Software full reset, or software warm reset.

Where:

xx refers to the following explanations:

00 = Low level debugger command to warm start, or unexpected exception or interrupt occurred during early reset sequence

01 = Hardware sanity timeout (once)

02 = SWO: failure on switchover

03 = SWO: too many switchovers

04 = WARM: disk OS warm start failure

05 = WARM: too many disk OS warm starts

06 = WARM: disk OS not loaded

07 = RESET: forced SWO in progress

08 = RESET: soft reset in progress

09 = TASK: unable to create message queue

10 = Protected memory checksum failure

11 = INFO: disk OS warm start begins

12 = INFO: DRAM is initialized

13 = RESET: cannot delete verified task

14 = RESET: task threshold exceeded

15 = WARM: Exc vector threshold exceeded

16 = WARM: Exc total threshold exceeded

17 = WARM: Exc handling already busy

18 = WARM: Exc restart task failed

19 = RESET: manual INIT requested

20 = SEG: checksum failure detected

21 = SEG: disk OS text segment corrupted

22 = SEG: disk OS partitions corrupted

23 = DISKOS: unable to load Meridian 1

24 = DISKOS: unable to start Meridian 1

27 = Bad active IOP is detected

28 = Parity error on both sides

29 = Parity error on split sides

30 = Parity error - remote SIMM is missing

31 = Parity error - remote SIMM is disabled

41 = OS manual (PDT) request

42 = OS request to reboot (sysToMon)

43 = OS RST - initialization failed

44 = OS SKD - initialization failed

45 = OS SWD - initialization failed

46 = OS PMEM - initialization failed

47 = OS security check failed

48 = OS normal recovery from BER

49 = OS unable to recover from BER

50 = OS unable to run"diskos"

51 = OS unable to load "diskos"

52 = OS VOL - initialization failed

53 = OS SCSI - initialization failed

54 = OS DOS - initialization failed

55 = OS IOP - initialization failed

56 = OS EXC - initialization failed

57 = OS IOS - initialization failed

58 = OS clock initialization failed

59 = OS failed during loader run

60 = OS failed to spawn loader task

61 = OS kernal initialization failed

62 = OS "diskos" P segment overlaps U segment

63 = Operating system level command to cold start

For reason 63, xx appears as a "-1." Output looks like SYS0706 -1

SYS0720 x	Running VxWorks Boot OS. X11 Release x.
SYS0721	Cannot access {filename}.
SYS0722 x	Cannot load {filename} to x.
SYS0723 x	Boot OS restart reason x.
SYS0724	Boot OS exception.
SYS0800	Unable to allocate Peripheral Signaling (PS) polling table. **Action:** Clear memory fault or add memory.
SYS0802 i t n	Unable to allocate protected TN block or translator for CMF incoming or outgoing table. Output: i = incoming/outgoing t = table number n = level number.
SYS0803	Unable to allocate protected directory block. **Action:** Clear memory fault or add memory.
SYS0804	Unable to allocate protected loop block. **Action:** Clear memory fault or add memory.
SYS0805	Unable to allocate dial intercom group block. **Action:** Clear memory fault or add memory.
SYS0806	Unable to allocate protected Flexible Feature Table.
SYS0807	Unable to allocate protected Radio Paging data for a radio paging system or a translation table entry
SYS0808	Unable to allocate memory for Group data link.
SYS0809	Unable to allocate ARS UAC table or schedule block. **Action:** Clear memory fault or add memory.
SYS0810	Unable to allocate ’do not disturb’ block. **Action:** Clear memory fault or add memory.
SYS0811	Ext DIG5 block without Basic block.
SYS0812	Ext MR block without Basic block.

SYS0813 Aux Customer block without Basic block.

SYS0814 ftc c r t n FTC class access code table is missing.

Where:

ftc = Flexible toll and code

c = Customer number

r = Route number

t = AC (FTC access code table) or = QUL (FTC qualify code table)

n = 13 (class 1), 14 (class 2) or 15 (class 3)

SYS0815 ftc c r q n Code restriction master head table or FTC head table is missing.

Where:

ftc = Flexible toll and code

c = Customer number

r = Route number

q = FTC qualify code table

n = 16 (class 1), 17 (class 2), 18 (class 3)

SYS0821 SYS2 Procedure SETBLOCK: memory block has not been allocated.

SYS0822 SYS2 Procedure SETUPTNTERMLOOP. Protected group block does not exist.

SYS0823 SYS2 Procedure SETUPTNTERMLOOP. Protected loop block does not exist. (PLOOPPTR=NIL)

SYS0824 SYS2 Procedure SETUPTN TERM LOOP. Protected loop block exists and the loop is remote.

SYS0825 SYS2 Procedure SETUPTNCARD. Protected card block does not exist. (PCARDPTR=NIL)

SYS0826 Unable to allocate protected DTI block.

SYS0827 Unable to allocate protected group block.

SYS0900 Unable to allocate memory for the overlay area.

Action: Clear memory faults or add memory.

SYS0901 code xxx Where code is defined as:

INTR = Unable to allocate enough memory for the intrinsic xxx.

PROG = Unable to allocate enough memory for program xxx.

Action: Clear memory faults or add memory.

SYS0905 Unable to transfer program to memory other than page 2.

Action: Clear memory faults or add memory.

SYS0910 Memory map for active memories invalid. Program error.

SYS0920 Memory map for active memories invalid. Program error.

Action: Clear memory faults or add memory.

SYS0999 FATAL Major alarm (power fail transfer) tripped by software because of insufficient protected memory.

Action: Clear memory faults or add memory.

SYS1000 Card density greater than loop density.

SYS1001 Card density less than higher equipped units.

SYS1002 Card block not found on storage medium for unit block found on storage medium.

SYS1003 No card block for secondary attendant.

SYS1004 Customer station group header tables does not exist.

SYS1005 Not enough protected data store can be allocated for pretranslation.

SYS1006 Station group entry number is greater than MAX_SGRP.

SYS1007 Pretranslation table number is greater than MAX_PRXL.

SYS1008 MFC conversion is not supported for this conversion.

SYS1009 No NLC data exists to load the NLC ARS block. (NLC_ARS_LOAD)

SYS1010 The corresponding NLC block does not exist for the NLC ARS block (NLC_ARS_LOAD).

SYS1011 No NLC data exists to load the NLC DNL lists. (NLC_ARS_LOAD)

SYS1012 The corresponding NLC block does not exist for the NLC DNL block. (NLC_DNL_LOAD)

SYS1013 SSTB I/O Unable to allocate protected supplementary service tables.

Where:

I/O = 0 for incoming, 1 for outgoing.

SYS1014 CMF g t n MFC conversion for levels greater than 2 are not supported.

Where:

g = 0 for incoming, 1 for outgoing

t = table number

n = level number.

SYS1015 AUTH data block does not exist.

SYS1016 SARG number is greater than SARG_MAX.

SYS1017 Not enough protected data store can be allocated for SARG block.

SYS1018 Not enough protected data store can be allocated for AUTH_PTR table.

SYS1019 Not enough protected data store can be allocated for AUTHCODE block.

SYS1020 Not enough room exists in AUTH_PTR_TABLE.

SYS1026 CMF_TIE_PACKAGE not equipped.

SYS1027 CMF_DID_PACKAGE not equipped.

SYS1028 NWK_PACKAGE not equipped.

SYS1056 Unit number of DTD, MFC, MFE out-of-range.

SYS1057 MFE package not equipped.

SYS1058 MFE data corruption.

SYS1059 Caller’s Name Display: Cannot set up special name table.

SYS1060 Caller’s Name Display: The average size of the name is not configured.

SYS1061 Caller’s Name Display: The maximum number of names is not configured.

SYS1062 Caller’s Name Display: Not enough memory for names.

SYS1063 Caller’s Name Display: No memory reserved for names.

SYS1064	Caller's Name Display: Cannot find TN for dumped name.
SYS1065	Caller's Name Display: Name is loaded for TN that has no CND data.
SYS1066	Caller's Name Display: Corruption during stealing from name pool.
SYS1067	Caller's Name Display: Trying to dump CND data for non-existent attendant.
SYS1068	Caller's Name Display: Cannot find secondary attendant block.
SYS1069	Caller's Name Display: Trying to dump a monitored area title for a customer that does not exist.
SYS1070	Caller's Name Display: Cannot set up display group table.
SYS1082 adon	Tape contains VNET package but is missing CR_ADDON package. Any networking call attempts will fail.
SYS1083	Digit buffering is not supported and outpulsing rate is reset to 100 ms.
SYS3000 c	Customer c missing from Call Park block. Cannot load block.
SYS3001 c	Cannot build DN because DN information is missing from Call Park block for customer c.
SYS3002 c dn	Cannot build the remainder of the Call Park DNs for Customer c. dn is failed DN.
SYS3003	Speed call list is partially missing.
SYS3004	Cannot build DN for ESN test maintenance lines.
SYS3005	Fatal. Conversion was not done properly. Wrong generic/release.
SYS3006	Conversion flag not set.
SYS3007	SCC data table is required.
SYS3008	Card density on storage medium is greater than configured loop density.
SYS3009	Card density in protected card block does not equal the card density on storage
SYS3010	Encountered card block with wrong card type.
SYS3011	The expected number of card records not received from storage medium.
SYS3012	A higher density loop has a lower density card record for upper units.

SYS3013	ADM trunk type not supported. Route or trunk data block discarded.
SYS3015	Unable to allocate Protected Data Store (PDS) for set relocation.
SYS3016	Unable to allocate PDS for History File.
SYS3017	Unable to allocate PDS for tone detector block.
SYS3018	File LAST missing from tape list.
SYS3019	Multiple Office Code/DID ranges block found with no location code.
SYS3020	There is a Multiple Office Code and DID ranges block for a location code that does not have a MNXX block defined. MNXXX was allocated anyway.
SYS3021	The pointer to MNXXX block was not nil (possibly two MNXXX blocks for this location code).
SYS3022	There is a Multiple Office Code and DID ranges block for a location code but the length is zero.
SYS3024	Data block can only be loaded when DTI package is selected. on code but the length is zero.
SYS3025	Data block can only be loaded when AMP package is selected.
SYS3026	Attempt to allocate pds for Tenant Data Block failed.
SYS3027	Block header customer number too large.
SYS3028	Block header route number too large.
SYS3029	Block header tenant number too large.
SYS3030	Tenant data blocks out of order, presumed missing.
SYS3031	Essential tenant data blocks are missing. Sysload disabled tenant service.
SYS3032	Tenant service package restricted but tenant data block detected.
SYS3034	Tenant service should not be packaged with mini-CDR.
SYS3035	Digital set data block cannot be loaded when digital set package is not equipped.
SYS3036	M3000 data block cannot be loaded when M3000 package is not equipped.
SYS3037	The first part of an atm schedule block was lost.

SYS3038	MSI Hardware register fault.
SYS3039	BG TIME/CATEGORY block without AUX CUST BLK.
SYS3040	AWU time on the TN has been erased.
SYS3041	SLST package not allowed on SL-1 N machine. Trap is called.
SYS3042	Two supervisors have a NSVC key assigned for this ACD-DN.
SYS3043	The ACD NSVC key is assigned to an invalid ACD-DN.
SYS3044	The ACD NSVC key is assigned to an agent's station.
SYS3045	The NSVC key is assigned to an illegal DN lamp key.
SYS3046	Cannot allocate memory space for Speed Call List header table.
SYS3047	Automatic conversion is not available for a given data base. Data base on tape is not updated to minimum release.
SYS3048	Expecting an extension block on tape which is not there.
SYS3049	An illegal extension block is read by the tape. Block that has been read is not is not an extension of the previous block.
SYS3050	The primary block is missing from the tape. The extension block read from the tape needs a primary block.
SYS3051	Cannot load FTC data block if FTC is not packaged.
SYS3052	Cannot get Protected Data Block for Auxiliary Customer Block.
SYS3053	Cannot get Protected Data Block for creating Table 0.
SYS3054	Mini CDR module is entered when either DNXP or CDRE is present. Mini CDR is not supported when either DNXP or CDRE (or both) are present.
SYS3055	Digital Set Package not equipped.
SYS3056	Customer ID for given Prexl_block is out-of-range.
SYS3057	Customer data block does not exist for given prexl_block.
SYS3058	System out of memory. Cannot create storage for prexl_block because no more PDS available.

SYS3060 c zz ss DN's hundreds group conflict with a shorter hundreds group.

Where:

c = customer number

zz = conflicting hundreds group

ss = is the shorter existing group

SYS3061 c xx yyyy This DN's hundreds group conflicts with a different hundreds group within this data base.

Where:

c = customer number

xx = conflicting hundreds group

yyyy = is the longer existing group

SYS3062 Private DN has already been defined as non-private DN line set up fail.

SYS3063 FGD package is restricted; FGD block could not be loaded.

SYS3064 FGD block number exceeds length of list allocated.

SYS3065 Unit number of MFVE receiver not zero or one.

SYS3066 Unit number of MFR receiver is not zero.

SYS3067 Cannot allocate P_NKDM_TABLE for given customer.

Action: Remove unnecessary configuration, make sure customer really needs IDC.

SYS3068 Fatal error: no space for the conversion program.

SYS3069 Fatal error: the conversion program is not on the storage medium.

SYS3070 Fatal error: Conversion error: wrong version or wrong storage medium issue.

SYS3071 CPND NAME dn A CPND name associated with the given DN was not loaded into memory because it was too long, invalid or there was not enough protected data store available.

Action: Re-enter the name in LD 95. If there are many of these messages then evaluate the available protected data store.

SYS3072 Block index is out-of-range for given ovflw_index_block.

SYS3073	Block index does not correspond with given ovflw_index_block. Block index is within range but it does not match with given ovflw_index_block.
SYS3074	Ran out of memory. Cannot allocate PDS for AUTH_TABLE_block.
SYS3076	No more PDS. Cannot allocate PDS for ATM_Sch_Blk.
SYS3077	No more PDS. Cannot allocate PDS for Cust_ATM_MHT block
SYS3078	Cust ID out-of-range. ATM_Sch_Blk customer ID is out-of-range of cDataPtr.
SYS3079	Customer Data is missing. No customer data exist for given cust ID for ATM_Sch_Blk.
SYS3080	Hour given is out-of-range. ATM_Sch_Blk number of hours out-of-range of 24 hours.
SYS3081	The value of printer is NIL. No ATM_Sch_Root_Ptr exist for given Cust_ID.
SYS3082	No more protected data store. Cannot allocate PDS for ATM_Sch_Rovt_Ent block.
SYS3084	Unable to allocate head/sub-head table block for FGD ANI data
SYS3085	No NPA block exists to which Nxx block can attached.
SYS3086	No NXX block exists to which SUB block can be attached.
SYS3087	The block number read is greater than expected.
SYS4007	LLC data block found but feature is not packaged. Data block not loaded into the system.
SYS4009	Cannot allocate memory for PNI Table. **Action:** Check the Memory card.
SYS4010	Cannot allocate memory for PNI customer table. **Action:** Check the Memory card.
SYS4011	Cannot allocate memory for PNI count table. **Action:** Check the Memory card.
SYS4012	MAX_DGT_MAN_TBLS equal .MAX_DM_TBLS. The system cannot automatically create a new home location code (HLOC) digit manipulation index. (DMI).

Action: Manually use LD 86 and 90 to create the DMI for HLOC.

SYS4013 Patch block error.

SYS4014 Aries set data block cannot be loaded when Aries set package is not equipped.

SYS4015 SYS custno out-of-range. The cust ID of ICI Table Block is bigger than the size of cDataPtr.

SYS4016 No customer data block exists for given cust ID, of ICI Table block.

SYS4017 No protected data store exists to allocate a new ICI table block.

SYS4020 c r t INC CMF TBL in non VNET route has been zeroed,

Where:

c = customer number

r = a route number

t = an incoming CMF signaling table associated with the route

SYS4021 c r t ISST TBL in non VNET route has been zeroed.

Where:

c = customer number

r = route number

t = an incoming supplementary service table associated with the route

SYS4023 Unable to free unused PS for later PDS use.

SYS4024 x “x” 256W chunks of memory are available.

SYS4025 Only top 256 elements of MS were saved when moving STK or adjusting its size.

SYS4026 Only top 256 elements of RAS were saved when moving STK or adjusting its size structures.

SYS4033 Loop block not allocated due to cap limit.

SYS4034 Duplicate clock source option.

SYS4035 Card block not allocated due to cap limit.

SYS4036 Page 5 option set, bug logical Page 509 not on Page 5. No memory enhancement performed (XN and L only).

SYS4038	MSM package is not equipped.
SYS4040	5 or 6 Hunt and Night DNs, and all Display DNs have been removed because the ENP package is not equipped.
SYS4041	Display DNs are being removed because the customer does not have EDN option selected.
SYS4100	The ICDR data exists on the system tape but the ICDR package is disabled for the software active on the switch. All telephone sets and attendant console's ICDR options are removed.
SYS4101	The MCT data exists on the system tape but the MCT packages is disabled for the software active on the switch. MCT options have been reset.
SYS4102	Tape contains Enhanced Hot Line data but EHOT package is not equipped.
SYS4103	Hot Line Package must exist for EHOT package to be enabled.
SYS4105	This extension and all following extensions have been removed by Capacity Admin.
SYS4106	This PSTRN trunk and all following PSTN trunks have been removed by Capacity Admin.
SYS4107	This attn and all following attns have been removed by Capacity Admin.
SYS4108	Total number of extns removed by Capacity Admin.
SYS4109	Total number of PSTN trunks removed by Capacity Admin.
SYS4110	Total number of attendants removed by Capacity Admin.
SYS4111	Pilot DN block exits but tape is not equipped with GPHT package. PCBs are not loaded.
SYS4112 nn	More than 16 logical units cannot be configured. Therefore TTY "nn" is no longer configured.
SYS4200	Network Attendant Service (NAS) schedule block found on disk, but the NAS package is restricted. NAS data was not loaded.
SYS4201	One of NARS, NCOS or BRTE package required by Network Attendant Service (NAS) is restricted. NAS data was not loaded.

SYS4202 Warning: the disk is equipped with Network Attendant Service (NAS) and at least one of Attendant Overflow Position (AOP), Centralized Attendant Service Main (CASM) or CAS Remote (CASR). These packages are mutually exclusive. If the customer is using NAS, the AOP, CASM and CASR packages should be restricted.

SYS4203 P_AUX_CDB is missing for the Network Attendant Service (NAS) schedule block to be loaded. NAS data was not loaded.

SYS4204 The SDI_RECORD cannot be loaded or allocated during SYSLOAD.

SYS4205 Data can only be loaded when PRI2 package is selected.

SYS4206 Data can only be loaded when PRI2 or DTI2 package is selected.

SYS4207 c No memory block (PDS) for Console Presentation Group (P_cpg_data_blk) during conversion. Attendant parameters for customer c are lost.

SYS4209 BKGD Port ID of "IS" changed to its ASCII equivalent "01". This was done because the previously defined BKGD port of "IS" conflicts with a new message type in the Hospitality Voice Services (HVS) feature.

Action: Continue to use the new port ID or "01", or change it to another valid ID. This error does not inhibit a subsequent data dump.

SYS4210 xxx Where xxxx can be one of the following codes:

216 DDSL number exceeds length of list allocated

563 Bad DPNSS channel block (data is lost)

These codes correspond to SYS216 and SYS563 on SLX systems.

SYS4211 CPG number is out-of-range (1-63).

SYS4212 Customer number for CPG data block is out-of-range (0-99).

SYS4213 CPG (1-63) data block found but the CPG basic package (CPG_BAS_PACKAGE) is not equipped.

SYS4214 No Protected Data Store (PDS) to allocate the CPG data block.

SYS4215 No Protected Data Store (PDS) to for CPG0 data block at SYS2 wrap up time.

SYS4216 The protected CPG pointer block is nil (DNXL module) for a configured customer.

SYS4217 Customer configured, no CPG0 data block SYS2 will recover with the default values.

SYS4218 ATL package not equipped.

SYS4219 Cannot find the ACD Block for this Target Table.

SYS4220 Invalid DN for this NACD Target Table.

SYS4221 l s c u find the ACD Block for this Source Table.

SYS4222 Invalid DN for this NACD Source Table

SYS4223 Not enough Protected Data Store to set up FSNS pointer block.

SYS4224 More than one FSNS XXX block was found for the same customer, index and NPA.

SYS4225 The FSNS index record header was found to greater than the maximum value which is stored in the ESN data block.

SYS4226 Missing MCAD_TABLE entries on FTC conversion. Cadence data will be set to the defaults.

SYS4227 Cannot get Protected Data to create a new MCAD ENTRY table. Cadence data will be set to the defaults.

SYS4301 Aries data block cannot be loaded unless the Aries Package is equipped.

SYS4304 The system has found some corrupted LAPW data.

SYS4305 The root pointer is not set. The LAPW data will not be loaded.

SYS4306 The LAPW package is not equipped. The LAPW data will not be loaded.

SYS4307 PLDN package is not equipped; data has been cleared.

SYS4308 Bad data encountered while loading DN_GHBLK.

SYS4309 Unable to allocate PDS GPHT data block.

SYS4310 Bad data encountered while loading SCL_P_GHBLK.

SYS4311 l s c u The key template for the SL-1 set at this TN is missing. The data block cannot be loaded.

Action: The set must be redefined.

SYS4312 Attendant Alternative Answering (AAA) and Attendant Forward No Answer (AFNA) are mutually exclusive.

SYS4313 When a disk with IMS data and packages has been dumped to disk, and an IMS package is missing, then two SYS4313 messages are output on SYSLOAD instead of SYS0802.

SYS4314 PRI2 loop Conversion of PRI2 data block is not provided.

SYS4315 The Automatic Number Identification package (ANI) package 12 is not equipped. The data has been lost.

SYS4317 Use another data base. The data base on tape is developmental, before the final issue.

SYS4318 1.5 and 2.0 REP cannot co-exist, 2.0 is removed.

SYS4319 No RPE2 package. RPE2 not loaded.

SYS4320 CASM package 26 is not allowed on this machine type.

SYS4321 CASR package 27 is not allowed on this machine type.

SYS4322 Dedicated trunks can not be assigned to an ISA service route.

SYS4323 The step flag is turned off. Stepping to an ISA route is not allowed.

SYS4324 The step flag is turned off. Stepping to an ISA service route is not allowed.

SYS4325 The step flag is turned off. Stepping to a non-existing route is not allowed.

SYS4326 l s c A card number has been found during SYSLOAD which is out-of-range. Valid card numbers are listed here:

ENET: 1 - 10

Network/DTR card (NT8D18): 0-9 and 15

Network (NT8D04) card: 0-15

SYS4327 DO NOT DATADUMP This TN is greater than the limit and cannot SYSLOAD. DO NOT DATADUMP. SYSTEM INFORMATION WILL BE LOST.

Action: Order new disks with expanded limits.

SYS4328 DO NOT DATADUMP This ACD Agent/Supervisor is greater than the limit and cannot SYSLOAD. DO NOT DATADUMP. SYSTEM INFORMATION WILL BE LOST.

Action: Order new disks with expanded limits.

SYS4329 DO NOT DATADUMP This ACD DN is greater than the limit and cannot SYSLOAD. DO NOT DATADUMP. SYSTEM INFORMATION WILL BE LOST.

Action: Order new disks with expanded limits.

SYS4330 DO NOT DATADUMP This AST set is greater than the limit and cannot sysload. If you datadump, system information will be lost.

Action: Order new disks with expanded limits.

SYS4332 The IFC type of the ISA service route and the ISA route do not match.

SYS4333 The ISDN package is restricted in this event. You cannot load the DCH number.

SYS4334 The PRA package is restricted. You cannot load the DCH number.

SYS4335 The DCH mode is dedicated in the ESL mode, and the ESL package is restricted. You cannot load the DCH number.

SYS4336 This telephone set is declared incorrectly as an ACD Agent station.

SYS4337 The ACD_POS_LST_PTR for the ACD-DN is not set correctly.

SYS4338 xxxx yyyyyy ACD Package A is not equipped. The FFC package cannot be loaded for ACD 500/2500 sets.

Where:

xxxx = FFC type (LILO or NRDY)

yyyyyy = FFC that will not be loaded

SYS4339 The Virtual Network Service (VNS) data block cannot be loaded.

SYS4340 DNs cannot be built because the DN information is missing from the Virtual Network Services (VNS) data block.

SYS4341 The rest of those DNs cannot be built because there is no valid Customer Block existing.

SYS4342 RPA data lost; RPA package is not equipped.

SYS4343 RPA data lost; nil cust_no/ffc/rpa_dn pointer.

SYS4344 RPA data lost; corruption in ffc rpa system parameter block.

SYS4345 This customer lost the SDAC data because neither the SUPP nor PRTRANS packages are equipped.

SYS4346 The ISDN International package is restricted from that operation. The TSYNC data is not loaded.

SYS4347 c — The DN information for this customer is missing. The system cannot build a DN in the data base. Where: c = Customer number

SYS4348 — The Time Synchronization (TSYNCH) package has been found, but the International ISDN supplemental features are restricted from its use. The TSYNCH data is not loaded.

SYS4349 c — You cannot build a TSYNCH DN, because the DN information for that customer (c) is missing.

SYS4350 — Hospitality IDC tree block not loaded since Hospitality package is unequipped

SYS4351 — Hospitality IDC tree block is not loaded.

SYS4352 — Hospitality package is removed since some of the packages it requires are missing.

SYS4353 — Hospitality Authcode block is not allowed.

SYS4356 — Mini-CDR is not allowed on Option 11 machines. The package has been disabled.

SYS4357 — The Remote Peripheral Equipment (RPE) package is not allowed on Option 11 machines. The package has been disabled.

SYS4358 — The RPE2 package is not allowed on Option 11 machines. The package has been disabled.

SYS4359 — Program type in the program header is invalid.

SYS4360 — Conflicting information found in program header.

SYS4361 — Overlay number in program header is out-of-range.

SYS4362 — No program ROM was found.

SYS4363 — Checksum on program ROM failed.

SYS4365 — Fatal error: DNXL program not found on the storage medium.

SYS4366 — Fatal error: SYS4 program not found on the storage medium. SYS4366 is only on the X81 stream at this time.

SYS4367	FATAL ERROR: If any of the packages listed below are equipped, the QPC948B ROM must be used. This message will always be given in conjunction with a SYS0088 message. The packages are: IDA, DPNSS, and DASS. This message applies to the ST machine only.
SYS4368	FATAL ERROR: The DNXL program cannot be found on the storage medium.
SYS4369	FATAL ERROR: The SYS4 program cannot be found on the storage medium.
SYS4370	FATAL ERROR: You must use QPC948B ROM if any of the following packages are equipped: IDA, DPNSS and DASS.
SYS4371	RPA data lost: in proc rpax_parm_blk; dnxlptr is nil.
SYS4372	rpa data lost; in proc rpax_parm_blk; rpa_ffc_parm_ptr already exists.
SYS4373	RPA data lost; in proc rpax_parm_blk; not enough memory for rpax parameter blk.
SYS4374	RPA data lost; in proc rpasys_head_blk; rpa_system_ptr: p_aux_cust_hdr not nil, data already exists.
SYS4375	RPA data lost, in proc rpasys_head_blk, not enough memory for rpa_system_blk or system parameter block.
SYS4376	RPA data lost; in proc rpasys_parm_blk, rpa_system_ptr: p_aux_cust_hdr is nil.
SYS4377	RPA data lost; in proc rpasys_parm_blk,rpa_system_parm_ptr[ ]: sys_head_ptr not nil. Data already exists.
SYS4378	RPA data lost; in proc rpasys_parm_blk, not enough memory for rpa traffic block.
SYS4379	RPA data lost; in proc rpa_dnpsa_tree, not enough memory for rpa dn block or dn-psa block.
SYS4380	RPA data lost; in proc rpa_dnpsa_tree, digit should not be 0.
SYS4381	RPA data lost; in proc rpa_dnpsa_tree, result from rpa_trans is not.rpa_invalid_dn.
SYS4382	RPA data lost; in proc rpa_trans, dnxlptr is nil or digit_count is greater than the maximum size of digit corruption in dn psa tree.
SYS4383	RPA data lost; in proc valid_ffc, wrong data type.
SYS4384	PGIP and PGSP FFCs will not be rebuilt when loading phase 6.65 and up.

SYS4385	Data block is unusable. It was dumped on an issue prior to 6.67; data lost.
SYS4387	Cannot get pds for the idc name block.
SYS4391	1.5 Mb/s DTI/PRI pad category table data can only be loaded when GPRI package (167) is equipped.
SYS4392	SCART/SCORE site ID different.
SYS4393 x	Due to the Security Cartridge feature Flash ROM on device x has failed checksum: Where: x = 4 indicates cartridge Flash ROM x = 8 indicates SCORE Flash ROM
SYS4394 x	Cannot find a directory record on device x. Where: x = 4 indicates cartridge Flash ROM x = 8 indicates SCORE Flash ROM **Action:** If x is not shown, then system should not load. Contact the manufacturer.
SYS4395	Unable to read control record.
SYS4396	Reserved. **Action:** Contact your technical support group.
SYS4397	Both Flash ROMs failed checksum.
SYS4398	Flash interface not idle.
SYS4399	Security check failed.
SYS4400	Could not post-process Digital DPNSS Signaling Link (DDSL).
SYS4401	Analog Private Network Signaling System (APNSS) TN lost.
SYS4402	FAXS package is removed because EES package is not equipped.
SYS4403	MSDL/MISP master table does not exist or cannot be allocated.
SYS4404	MSDL/MISP index is invalid.
SYS4405	AMP package 78 is not allowed on this machine type.

SYS4406 MFC package 128 is not allowed on this machine type.

SYS4407 MFE package 135 is not allowed on this machine type.

SYS4408 L1 package 188 is not allowed on this machine type.

SYS4409 RPA package 187 is not allowed on this machine type.

SYS4410 X25 package 153 is not allowed on this machine type.

SYS4411 Prerequisite package is missing during a sysload with EMCT package. EMCT package is restricted.

SYS4412 x The I/O address of port x is the same as a previously built port. Port x will be taken out of the configuration record (LD 17).

Action: Check for any data corruption or conversion problems.

SYS4413 The number of DSLs has reached the limit. No further DSLs can be loaded.

SYS4414 Cannot allocate protected storage.

SYS4415 Cannot find Digital Subscriber Loop (DSL) data.

SYS4416 Basic Rate Interface (BRI) package restricted.

SYS4417 MISP cannot be associated with line card because protected loop data block for the card does not exist.

SYS4418 MISP cannot be associated with line card because protected card data block for the card does not exist.

SYS4419 Cannot find USID map.

SYS4420 dn WARNING: Multiple TNs associated with BRI DN.

SYS4421 The number of Logical Terminal IDs has reached the limit. No further LTIDs can be loaded.

SYS4422 JDMI package 136 is not supported on this machine type.

SYS4423 CUST x DN xx During DN translation in sysload, no MARP or more than one MARP was found in the database for DN “nnnn” in customer “x”. Only one MARP should be defined for a DN.

The MARP database information for TN “l s c u” has been corrected and a default MARP TN selected for the DN. This corrected database can be saved or altered further by service change before saving with a data dump.

SYS4424 Invalid ROM version. Install ROM for X11 Release 18.

SYS4425 WARNING: Memory auto configuration has occurred. Verify that the installed memory agrees with the tested memory. Output:

MEMORY AUTOCONVERSION

MTYP xxxx xxxx xxxx

MEMORY MAX ADDRESS IS yyyyy

Where:

xxxx = memory type configured (768, 1MEG, etc.)

yyyy = highest configured address (i.e. 1FFFFF for 2Meg)

Action: Adjust MTPY prompt in LD 17 if multiple cards are in use.

SYS4426 MSDL/MISP master table does not exist or cannot be allocated. Output: MSDL/MISP {msdlmisp index in decimal}.

SYS4427 MSDL/MISP index is invalid. Output: SYS4427 MSDL/MISP {msdlmisp index in decimal}.

SYS4428 MSDL/MISP MSDL_MISP_BLOCK does not exist. Output: SYS4428 SID BLK {msdlmisp index in decimal}.

SYS4429 Conv: No memory is available. Cannot allocate the phy_dump_array structure.

SYS4430 Conv: No memory is available. Cannot allocate the p_async_block structure.

SYS4431 SYS4431 = Conv: The conversion of ESDI asynchronous data block failed, because the corresponding P_ASYNC_BLOCK cannot be found, due to a database corruption.

SYS4432 Conversion of CSL failed: The ESDI parameter download data block is missing from the database.

SYS4433 SYS4433 = Conversion of CSL failed: The ESDI parameter download data block is not set up for the synchronous mode.

SYS4434 Conv: The required entry in DUMP_CARD_TYPE structure is not free and is in use by another IO unit. Output: INDX: {occupied physical address in decimal} . CARD: {card type in decimal. This is the card type occupying the entry, which we assumed to be free.}

SYS4435 Conv: The XSM is lost because the SDI data block was not previously created, due to an earlier error.

SYS4436 The block PHY_ARRAY is missing. It must exist and should have been loaded from tape. Therefore this is a database corruption.

SYS4437 SDI x The P_SDI_BLK_PTR pointer is nil for the given logical SDI number in decimal. This indicates one of the following:

1. Corruption in the configuration record

2. Corruption in the P_SDI_BLK_PTR

To be consistent, CONFIGTTYOP is zeroed out for the specific device.

SYS4438 Corrupt database. Bad card type. Only SDI, SDI2, XSDI, SDI4, DCHI and MSDL cards are allowed for asynchronous IO. Output:

CARD: {card type in decimal}

SDI: {sdi number in decimal}

SYS4439 SDI x The P_SDI_BLK_PTR pointer is nil for the given SDI number in decimal. This indicates one of the following:

1. Corruption in the configuration recordCorruption in the P_SDI_BLK_PTR

2. To be consistent, CONFIGTTYOP is zeroed out for the specific device.

SYS4440 Procedure GET_PHY_BLK failed: dev_no is not valid. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4441 Procedure GET_PHY_BLK failed: port_no is not valid. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4442 Procedure GET_PHY_BLK failed: Too many TTY, printer, DCH, AML or MSDL units. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4443 Procedure GET_PHY_BLK failed: Undefined logical application type. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4444 Procedure GET_PHY_BLK failed: Cannot allocate PDS for the physical IO block.

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4445 Procedure GET_PHY_BLK failed: Too many loop devices and serial card devices. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}=

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4446 Procedure GET_PHY_BLK failed: Cannot find the physical IO block previously allocated. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4447 Procedure GET_PHY_BLK failed: The port is already in use by another application. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4448 The MSDLMISP socket ID data structures do not exist.

SYS4449 Database corruption. The P_ESDI_TBL_HDR is nil. Output: CSL {esdi number in decimal}.

SYS4450 Database corruption. The content of pointer P_ESDI_BLK_PTR[ESDI_PORT_NO]: P_ESDI_TBL_HDR is nil. Output: CSL {esdi number in decimal}.

SYS4451 The given AML number is removed from the VAS list belonging to the given VAS number, since the protected AML data block belonging to the given AML number, does not exist. Output: VAS {vas number in decimal}.

SYS4452 Corruption: The ESDI block number 49 is removed from X11 Release 18. It is not allowed to exist in X11 Release 18 and later, databases. Output: ESDI {esdi number in decimal}.

SYS4453 Corruption: The CSL block number 50 is removed from X11 Release 18. It is not allowed to exist in X11 Release 18 and later, databases. Output: AML {aml number in decimal}.

SYS4454 Corruption. The PHY_BLK_PNTR is nil. The pointer should point to PHY_ARRAY and must have been loaded from tape previously. As a result the given AML block is disregarded. Output: AML {aml number in decimal}.

SYS4455 x Warning: AML x is not loaded because the address is occupied by a previously loaded device. X11 Release 17 and earlier can configure an unused ESDI AML on top of an existing port. X11 Release 18 and later removes the unused ESDI.

SYS4456 The logical IO table header for csl_log_appli type for the given logical AML number cannot be set up. As a result the given AML block is disregarded. Output: AML {aml number in decimal}.

SYS4457 The X25 block type (i.e., block 75) is no longer supported. Output: X25 {X25 number (i.e., esdi number) in decimal}.

SYS4458 The logical master head IO tables cannot be allocated due to lack of memory. As a result the given DCH block is disregarded. Output: DCH {dch number in decimal}.

SYS4459 The AML number is out-of-range. Output: AML {aml number in decimal}.

SYS4460 The SDI number is out of range. Output: SDI {sdi number id decimal}.

SYS4461 Warning: Since the physical dump array block is not loaded from tape then it is created blindly. The reasons that the block is missing from the tape are:

1. Conversion from Release 17 to 18 failed.

2. The tape has only the minimum database (i.e., only the configuration record and no other database). This last case is not a database conversion or loading corruption and is normal.

SYS4462 Failed to allocate memory for logical master head I/O table, or failed to allocate memory for the physical DUMP_CARD_TYPE structures.

SYS4463 Failed to allocate memory for P_ASYNC_BLOCK structure. Output: INDX: {sdi number in decimal}.

SYS4464 The asynchronous application type is not allowed on the ESDI card type starting from RLS 18. Output: INDX: {sdi number in decimal}.

SYS4465 Warning: Since the card type for the given SDI application type was bad, the memory previously allocated for the given SDI application type, is released. Output: INDX: {sdi number in decimal}.

SYS4466 Warning: Since user types are defined but their logical SDI data structures do not exist, due to a corruption, the user types are cleared from the configuration record data structure. Output: INDX: {sdi number in decimal}.

SYS4467 XSDI Block type number 93 is no longer supported starting from X11 Release 18.

SYS4468 XSDI Out of PDS to allocate SDI_MHT_BLK block type.

SYS4469 The History File cannot be allocated, because of package restriction, or because there is no more space in the I/O polling table.

SYS4470 ISM limit for the D-channel is reached. The total D-channels configured on the existing database, is more than the number the customer is allowed to have. Output: DCH {dch number in decimal}.

SYS4471 ISM limit for the AML is reached. The total AML links configured on the existing database, is more than the number the customer is allowed to have. Output: AML {aml number in decimal}.

SYS4472 Both MSDL and BRI packages are restricted, so the data associated with the MSDl or MISP cards is not loaded.

SYS4473 The block type_sid_blk (#104) cannot be loaded since the MSDL_PACKAGE number 222 is restricted. Output: SID BLK {msdlmisp index in decimal}.

SYS4474 Corrupt database. Bad card type. Only DCHI and MSDL cards are allowed for DCH links.

Output:

CARD: {card type in decimal}

DCHI {dch number in decimal}

SYS4475 Corrupt database. Bad card type. Only ESDI and MSDL cards are allowed for AML links. Output:

CARD: {card type in decimal}

AML: {aml number in decimal}

SYS4476 FNP package not equipped, cannot load DTAD data.

SYS4477 FC68 package 223 and Japan Trunk package 97 are mutually exclusive. FC68 package is turned off automatically.

SYS4478 TN is thrown out because the size of the protected TN block has exceeded 255 words.

SYS4479 Fatal error: The SYSPP program cannot be found on the storage medium.

SYS4480 Cannot allocate memory for a group I/O table.

SYS4481 The Network Call Pickup package has been restricted because some or all of its prerequisite packages are not equipped.

SYS4488 WARNING: The ARDL package (304) and the OPAO package (104) are mutually exclusive. ARDL package is turned off automatically.

SYS4500 x Skipping slot x. Cannot calculate address to check for CP with cable.

SYS4501 x Skipping slot x. Cannot get card ID.

SYS4502 Timeout waiting for response from remote CP.

Action: Check that both CPs have the same number of SIMMs.

SYS4503 Remote processor is not CP.

Action: Be sure remote processor is CP.

SYS4504 CP redundancy impossible. No CP to CP cable.

SYS4505 CP redundancy impossible. There is no remote power.

Action: Check the CE power supply on remote Core module. Be sure the CP to CP cable is properly connected.

SYS4506 CP redundancy impossible. Both shelves have the same ID.

Action: Set the JB4 jumper on the backplane so both sides match.

SYS4507 CP redundancy impossible. Both switches are in MAINT.

Action: Check that at least one of the CP Norm/Maint switches is in Norm mode (up).

SYS4508 CP single mode: could not synchronize CSA space.

SYS4509 Could not set CP semaphore bit (side x).

SYS4510 CP single mode: memory shadow test failed.

Action: Reseat or replace the Standby CP.

SYS4511 x Cannot open BIC window (slot x). Cannot check for CP cable.

SYS4512 x Cannot close BIC window (slot x).

SYS4513 x Could not get CP semaphore bit (side x).

SYS4514 x Skipping slot x, cannot calculate address to see if CP bit is set.

SYS4515 Unable to find the active CMDU.

SYS4516 Unable to find the diskos.sym file.

SYS4517 x Switching from CPU x to preferred side.

SYS4520 Cannot get available memory for SL-1 Memory Control from Memory management. Sysload fails due to lack of memory.

SYS4521 Cannot turn on memory protection. Input address is invalid.

SYS4522 Cannot turn off memory protection. Input address is invalid.

SYS4523 yyyy mm dd hh:mm:ss HD0 Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4525 yyyy mm dd hh:mm:ss HD0 Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4527 iiii dd/mm/yyyy hh:mm:ss rr This message refers to the X11 release and issue (iiii), date and time (dd/mm/yyyy hh:mm:ss) and size (rr) of the database to be sysloaded. The date and time indicate when the file was last written.

SYS4528 yyyy mm dd hh:mm:ss HD Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4529 yyyy mm dd hh:mm:ss FD0 Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4530 yyyy mm dd hh:mm:ss FD1 Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4531 During conversion, XTD and/or RDB DFQ has been changed to XTDT.

Action: Consult NTPs and LD 97, LD 20 and LD 21 to ensure that configuration is as desired for XTD operation.

SYS4532 The CPSI entry cannot be allocated; the limit for SIO devices has been reached.

SYS4533 Cannot allocate protected data store for XTD table. Table not loaded.

SYS4534 Warning: IEN package or SACP package not equipped. Configured IEN ICI keys are removed. Procedure REMOVE_IEN_ICI (module SYSPP).

SYS4535 Warning: IEN Block Timer is reset to its default value because SACP or NAS package is not equipped.

SYS4538 Inconsistencies in boundaries of previous SL1 load.

SYS4539 Inconsistencies in boundaries of previous OVL load.

SYS4540 Error loading SL-1 file into memory.

SYS4541 Error loading overlay file into memory.

SYS4542 Error in loading, last address {n}.

SYS4543 Error returned from segInit2{n}.

SYS4544 Error getting dloPathFileName for ovlres.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4545 Unable to open {file name}.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4546 Error sl1_start_addr {n}, last sl1_prot_address {x}.

SYS4547 Error initializing SL-1 pool and data area.

SYS4548 Error getting dloPathFileName for ovlres.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4549 Unable to open {file name}.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4550 Error in loading, last SL-1 address {n}.

SYS4551 Overlay start address {n} overlaps end of SL-1 area {x}.

SYS4552 Error ovl_start_addr {n}, last_ovl_prot_addr {x}.

SYS4553 Error initializing overlay data area.

SYS4554 Error calling ovlres entry.

SYS4555 Invalid parameter to ldrNextPage, address {n}.

SYS4556 Seek error while loading (OVL or INSTALL) code file.

SYS4557 Error reading a_out header from file (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4558 Invalid a_out header in file.

SYS4559 Error reading link header.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4560 Invalid link header in file.

SYS4561 Module not linked to page boundary.

SYS4562 Seek error while loading (OVL or INSTALL) code file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4563 Error reading a_out header into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4564 Error reading text segment from disk into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4565 Error reading data segment from disk into memory (OVL or INSTALL). Reload the system with the Manual Reload button.

Action: Reinstall software from installation disks.

SYS4566 Seek error while loading SL-1 code.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4567 Error reading a_out file from SL-1 file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4568 Invalid a_out header in SL-1 file.

SYS4569 Error reading link header from file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4570 Invalid link header in file.

SYS4571 Module not linked to page boundary.

SYS4572 Seek error while loading code.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4573 Error reading a_out header from disk into memory.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4574 Error reading text segment from disk into memory.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4575 Invalid data segment in SL-1 module.

SYS4576 Error access in code file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4577 Error reading data segment from disk into memory.

Action: Reload the system with the Manual Reload button.

SYS4578 Invalid a_out header in memory (OVL or INSTALL).

SYS4579 Invalid link header in memory (OVL or INSTALL).

SYS4580 x End of Protected data = x (OVL or INSTALL).

SYS4581 x y Unprotected data start x overlaps Unprotected data end at y (OVL or INSTALL).

SYS4582 Error copying data from Protected memory to Unprotected memory for static modules.

Action: Reinitialize the system with the INIT button.

SYS4583 Invalid a_out header in memory.

SYS4584 Invalid link header in memory.

SYS4585 x End of Protected data = x.

SYS4586 x y Unprotected data start x overlaps Protected data end at y.

SYS4587 Error copying data from Protected memory to Unprotected memory for SL-1 modules.

Action: Reinitialize the system with the INIT button.

SYS4588 Feature Group D not allowed on Option 11 machine. Package 158 has been disabled.

SYS4589 Customer n has DITI = YES in LD15 but the DID to TIE package 176 is equipped, DID to TIE calls will be restricted by the DID to TIE package.

SYS4590 BRIT package restricted.

SYS4592 BRIL package restricted.

SYS4593 Either the BRIL or the BRIT package needs to be equipped.

SYS4594 BRIL application will not be configured on any MISP because the BRIL package is not equipped.

SYS4595 BRIT application will not be configured on any MISP because the BRIT package is not equipped.

SYS4596 xx yy PEMD data in the route datablock was erased due to PEMD package restriction.

Where:

xx = customer number

yy = route number

SYS4600 The DTI package is restricted and either the BRIT package is restricted or the DTI2 package is equipped or the PRI2 package is equipped.

SYS4601 M911 package is restricted, therefore NPID block cannot be loaded in memory.

SYS4602 NPID block exceeds length of block allocated.

SYS4605 xx SICA Table xx is erased due to PEMD package restriction.

SYS4606 x That CDR Link port has been removed.

SYS4607 x That Low speed Link port has been removed.

SYS4608 The port allocated for STA is being used by another application.

SYS4609 STA logical number is out-of-range.

SYS4610 STA logical number is out-of-range.

SYS4613 Protected loop block does not exist.

SYS4614 Cannot update card pointers to BRSC data block because card data blocks exist.

SYS4615 Cannot associate BRSC with line card because protected card data block does not exist.

SYS4616 xxxx yyyy Unable to allocate protected data storage for DCH call reference table.

Where:

xxxx = mnemonic of feature affected

yyyy = name of data structure affected

SYS4617 Unable to allocate protected data storage for limited access to Overlays (LAPW). The LAPW package has been restricted.

SYS4620 Attendant Blocking of Extension feature turned off because SACP package is not equipped.

SYS4621 s s Kwords of expanded memory have been auto-configured. MTYP prompt in LD 17 has been updated. This message will only occur on a new system installation. No action required. This is the standard message for the auto installation of expanded memory.

SYS4623 IPRA package is restricted, but there is an international interface. The interface cannot be enabled with the current software packaging.

SYS4624 The number of Meridian 1 Packet Handler Digital Subscriber Loops (DSLs) reached the limit. No further MPH DSLs can be sysloaded.

SYS4625 B Channel TN not in MPH loop data block.

SYS4626 LAPB data block does not exist.

SYS4627 X25P data block does not exist.

SYS4628 Resident code is compressed, but the decoding table does not exist.

SYS4629 Meridian 1 packet handler (MPH) package is restricted.

SYS4630 The MPH application cannot be configured on an MISP because the MPH package is restricted.

SYS4631 KD3 Package unequipped - Data is discarded.

SYS4632 MFK5/MFK6 data corruption.

SYS4633 n Cannot load data block for PRI loop n when INBD package is restricted.

SYS4634 n Backup D-channel n is not loaded for this interface.

SYS4635 Cannot allocate Protected Data Store for AOC parsing tables.

SYS4636 The Voice Mailbox Administration data block exists without the feature configured.

Action: Contact your technical support group.

SYS4637 The Voice Mailbox Administration data block contains invalid TNs.

Action: Contact your technical support group.

SYS4638 There is no memory available to build the Voice Mailbox data block.

Action: Contact your technical support group.

SYS4639 Voice Mailbox data exists without the feature package configured. The mailbox data has been discarded.

Action: Contact your technical support group.

SYS4640 Voice Mailbox Administration application data exists with the feature package restricted. The application data is discarded.

Action: Contact your technical support group.

SYS4641 Superloops 32, 36, 40, 48 have been added to the configuration. This only occurs when upgrading to the Option 11E CPU and these loops do not already exist. No action required. Standard message for the auto-configuration of superloop data.

SYS4642 Superloops 32, 36, 40, 48 have NOT been added to the configuration. This message only occurs when upgrading to the Option 11E CPU and one of these loops is already configured.

Action: Check that the configuration is as desired. If a third box is being added to the system then superloops 32, 36, 40, and 48 must exist.

SYS4643 M2317 data block cannot be loaded when package is not equipped.

SYS4645 Only one of the language packages may be equipped. The MLMS feature has been disabled (Option 81 only).

Action: Reinstall the system.

SYS4646 Mismatch between language pkg read at cold start and during SYSLOAD (Option 81 only]

Action: Print out the list of equipped packages in LD 22. If the list does not match that on the label, restart the system.

SYS4647 The MLMS language packages is allowed on Option 81 systems only. The packages were disabled. No action required.

SYS4648 lll Phantom loop {lll} is found, but the PHTN package is restricted. Phantom loop {lll} is not loaded. All phantom TNs configured on this loop will not be loaded and existing SYS messages will be given. OUTPUT: lll = phantom loop number

SYS4649 MCT data exists without the MCT package. The data is cleared.

SYS4650 SCDR data exists without the SCDR package. The data is cleared.

SYS4651 CDR link and the MCT packages are mutually exclusive. The CDR link package is turned off.

SYS4653 A BCS Phantom loop is found, but either the phantom or csl package is not equipped.

Action: Remove the loop and all associated data.

SYS4654 Procedure SAMM_PBX_SRVR. Standalone Meridian Mail server not loaded - out of PDATA

SYS4655 Procedure SAMM_PBX_SRVR. Too many Standalone Meridian Mail servers loaded, not included in the table, TN not loaded.

SYS4656 Cannot allocate protected data store for xpec. This error message will be called from new proc SETUP_INIT_XPEC in MODULE SYS4XXX.

SYS4657 Warning. Existing CIST data are removed because CIST package 221 is restricted.

SYS4658 Existing ACRL data is removed because the ACRL package is restricted. Enable the ACRL package and reload the system.

SYS4663 TN 0 0 0 0 is not valid. TN is rejected

SYS4664 LAPW password nn is removed because it is a Set Based Administration password and the ADMINSET package is restricted.

SYS4665 Set Based Administration login limits are set to zero because the ADMINSET package is restricted.

SYS4666 The ADMINSET package is equipped, but one of its dependant packages (FFC package, LAPW package, Multi-User package) is restricted. Set Based Administration login limits are set to zero.

SYS4667 On sysload, CCB data exists, but the CCB package is restricted.

Action: CCB data is cleared.

SYS4668 Call Pickup Network Wide cannot be loaded as ISDN package 145 is restricted.

Action: Load with ISDN package equipped.

SYS4669 The DPNSS_ES package is equipped, but the DPNSS package is not.

Action: Since DPNSS is a pre-requisite for DPNSS_ES, DPNSS_ES is forced unequipped.

SYS4679 CAC defined for BCS, PBX or route exceeds the CIS maximum range for CAC (9). CAC is set to CIS default value for CAC (3).

SYS4690 China Attendant Monitor Package (CHINA) package 285 is not equipped but the Attendant Monitor option is allowed, then the options are reset to disable the China Attendant Monitor feature.

SYS4691 BTD package is not equipped, the BTD tables have been removed.

SYS4692 Unable to allocate protected memory for BTD Table 0.

SYS4693 IDC package is removed since NFRC package is missing.

SYS4694: CDB cc and/or RDB rr Due to unequipped IDC package, IDC data has been lost in customer cc or IDC data has been lost in Route rr of Customer cc.

SYS4695 The mnemonic, filter and exception tables have been removed. NOTE: Their functionality has been replaced by the new Event Default and Preference Tables for Option 81 switches.

SYS4696 Auto-configuration of conference loop 62, 94 or 95 could not be done. Loop 62 , 94 or 95 has already been defined.

Action: Check your configuration record and redefine loop 62 for conference.

SYS4697 Auto-configuration of conference loop 62, 94 or 95 has performed successfully.

SYS4698 If package 46 is not equipped and the feature is, it indicates that package 46 is not equipped and that the TMAR bit for customer y is cleared.

SYS4699 WARNING: Existing ARDL data is reset to its default values, because ARDL package is restricted.

SYS4700 A Secondary Call Park Block has been discarded due to CPRKNET package missing.

Action: Contact your NT representative for correct package configuration.

SYS4701 Customer Call Park option changed from CPN to CPA due to CPRKNET package missing.

Action: Contact your NT representative for correct package configuration.

SYS4702 A Secondary Call Park Block has been discarded since the customer does not have a Primary Call Park Block.

Action: Contact your NT representative.

SYS4706 Warning: Clear CPP or TCPP for a non-ISDN trunk route if the OPOA package is equipped.

SYS4707 x A Sysload Warning Message indicates that the TAT database has been removed due to the TAT package not being equipped in the M1 switch.

SYS4708 x A Sysload Warning Message indicates that the TAT database has been removed from the D-channels associated with the DCHI cards.

SYS4712 cust PTU or MFC package not equipped; PTU data cleared in customer data block.

Action: Equip PTU and MFC packages and reload if PTU is required.

SYS4713 cust route PTU or MFC package not equipped; PTU data cleared in route data block.

Action: Equip PTU and MFC packages and reload if PTU is required.

SYS4714 cust table-number PTU and MFC packages are not equipped. PTU data cleared in incoming R2MF table.

Action: Equip PTU and MFC packages and reload if PTU is required.

SYS4715 FFC or AWU package not equipped. WUD and STE data are cleared.

SYS4716 The VDN block cannot be loaded during SYSLOAD. The VNS database cannot be restored.

Action: Redefine the VDN data block.

SYS4717 The ARDL package (304) and the OPOA package (104) are mutually exclusive. ARDL package is automatically turned off.

SYS4718 Cannot load EuroISDN Network Mode data when Master Mode package is restricted.

SYS4719 table-number PTU and MFC packages are not equipped. PTU data cleared in outgoing R2MF table.

Action: Equip PTU and MFC packages and reload if PTU is required.

SYS4720 Either the Speed Call or System Speed Call package is restricted and the data exists.

SYS4722 Customer Call Park data is lost due to Call Park database memory allocation problems.

Action: Contact your technical support group.

SYS4723 Customer option is changed to CPD due to Call Park database memory allocation problem.

Action: Contact your technical support group.

SYS4729 xx xx = %DNIS MMCS informations were found and MMCS package is restricted, the fields are set to default value INDGT, PRDL, INDI, DTIM, DIG#, DIIE).

SYS4730 Phantom DTI2 loop {lll} is found, but either the ISPC package or the DTI2 package is restricted. Phantom DTI2 loop {lll} is not loaded. All phantom DTI2 TNs configured on this loop will not be loaded and existing SYS messages will be given.OUTPUT: lll = phantom loop

Action: Unrestrict the ISPC package and the DTI2 package and then reload the PBX if necessary.

SYS4731 Unable to allocate protected memory for CLID Block or CLID table. Some CLID entries may be lost.

Action: Use Overlay 21 to print the CLID entries. Configure the entries that are needed.

SYS4732 {TN} x MFC/MFE/MFK5/MFK6 trunk: the MF digi5t transmit level (MFL) for this trunk has been changed to an MF transmit level identifier (MFLI) and has been given a default value of 0. x is the former MFL, value for the TN.

Action: Use LD 97 to change the system transmit levels (MFTL0 and MFTL1) and LD 14 to change the MFLI for each trunk.

SYS4750 This template contains keys at the end that exceed the phone set capacity. These keys are removed and replaced by NULL_KEY.

Action: Reconfigure the phone set that uses this template.

SYS4751 The keys in this phone set are removed at the end since they exceed capacity (see SYS4750 for more information). The user may need to reconfigure the keys on this set. The phone set will not be taken out of service.

Action: Since some keys are lost at the end, use the overlay and reconfigure the keys if necessary.

SYS5714 Cannot allocate protected data store for XTD Table.

SYS6692 x1 x1 = %Invalid input when the MMCS package is not equipped.

SYS6693 x2 x2 = %DTIM should be defined to have PRDL=DNIS.

SYS8980 Data block can only be loaded when STIE package is equipped.

SYS8981 ICP Package not equipped.

SYS8982 Attempt to write a protected bit field for a specific bit offset and bit width which do not fit in a 16 bit word.

SYS8983 CLED package not equipped, data cleared.

SYS8984 Digital console package not equipped, data cleared.

SYS8985 FFC code corruption.

SYS8986 Flexible Feature Code is out of Protected Data (PDATA) storage.

SYS8987 FFC customer pointer is missing. The FFCs are not ready.

SYS8988 FFC package 139 is not equipped. FFCs have been removed.

SYS8989 mmmm ddd ppp Package not equipped, FFC will not be loaded.

Where:

mmmm = mnemonic of FFC not loaded

ddd = digits of FFC not loaded

ppp = package not equipped

SYS8990 OPCB package not equipped, data cleared.

SYS8991 SUPP package not equipped, special service list data cleared.

SYS8992 MPO package is restricted but MPO data is found. MPO data is cleared.

SYS8993 DTI2 - DTI2 package not equipped, data cleared.

SYS8994 DTI2 - JDMI package not equipped, data cleared.

SYS8995 ART head table not found, data lost.

SYS8996 Unable to allocate protected data store for TBAR.

SYS8997 Duplicate Art # found, date lost.

SYS8998 ART # out-of-range, data lost.

SYS8999 TBAR package not equipped, data not loaded.

SYS9026 DPNNS1 MWI: an NSI table cannot be restored.

Action: Redefine the MWI NSI table.

SYS9027 Existing MFS data is removed because the CISMFS package is restricted.

SYS9028 System is not ESA packaged. ESA data has been discarded.

Action: Contact your technical support group if the system packaging is incorrect.

SYS9029 ESA data is for an undefined customer. ESA data has been discarded.

Action: Contact your technical support group.

SYS9030 System is not ESA_CLMP packaged. ESA_APDN has been reset to YES.

Action: Contact your technical support group if the system packaging is incorrect.

SYS9030 System is not ESA_CLMP packaged. ESA_APDN has been reset to YES.

Action: Contact your technical support group if the system packaging is incorrect.

SYS9031 Invalid DFCL configuration is encountered in the ESA block. DFCL has been reset to null.

Action: Contact your technical support group if the system packaging is incorrect.

SYS9032 NI-2 CBC package not equipped. NI-2 CBC data lost.

Action: Install NI-2 CBC package.

SYS9033 Diversion remote capability is removed since the QSIG-SS package is restricted.

Action: Enable the QSIG-SS package and Sysload the system again.

SYS9034 The RCAP MQC is removed because the MEET package is restricted.

SYS9037 Customer has configured a RAN route with data requesting the RAN broadcast package but RAN broadcast package restricted. Broadcast capability removed from route, ringback tone provided while waiting and new RAN machine types changed.

Action: Enable RAN Broadcast package. DO NOT DATADUMP, system information will be lost.

SYS9038 Number of broadcasting routes exceeds ISM limit. Broadcast capability removed from route.

Action: Customer must contact distributor to increase ISM limit. DO NOT DATADUMP, system information will be lost.

SYS9039 Number of broadcast RAN connections exceeds ISM limit.

Action: Customer must contact distributor to increase ISM limit. DO NOT DATADUMP, system information will be lost.

SYS9040 Customer has broadcasting music route configured but music Broadcast package restricted.

Action: Enable music Broadcast package. DO NOT DATADUMP, system information will be lost.

SYS9041 TBAR Package is not equipped. FTOP in CDB reset to FRES.

SYS9063 Invalid trunk type encountered in trunk TN block.

SYS9064 The MMCS or IVR packages are restricted. VPA cls cleared.

SYS9066 Trying to load some NI-2 Master Mode data with MMCS or Master Mode or NI-2 packages unequipped. These data will be lost.

Action: Equip packages 309 or 317 or 291 and re-load.

SYS9069 Trying to load some French Code Abonne Network Side data with

MMCS or DTI2 or FCANS package unequipped. The data will be lost.

Action: Equip packages 317 or 129 or 343.

SYS9070 CPP//CPPO database defined for the route is discarded because CPP/CPPO is not equipped.

SYS9115 Unable to allocate protected memory for ANI block or ANI Table. Some ANI Entries could be lost.

Action: Use Overlay 21 to print the ANI Entries. Try to configure the entries that are needed, or contact your technical support group.

SYS9116 The PRA package is restricted in the system.

SYS9117 Taiwan R1 data in RDB but package is off. Data is lost.

Action: Equip TWR1 package and reload. Contact your technical support group.

SYS9118 Taiwan R1 data in the trunk data block but the package is off. Data is lost

Action: Equip TWR1 package and reload. Contact your technical support group.

SYS9120 The QSIG call transfer remote capability is removed during the sysload since the QSIG-SS package is restricted.

Action: Equip the package #316 and sysload a second time. Reconfigure RCAP to ETI or CTO.

SYS9123 Unable to allocate memory for the access prefix block or access prefix table.

Action: A memory fault must be cleared or more memory must be equipped.

SYS9124 Access prefix data cannot be loaded as ISDN package #145 is restricted.

Action: Feature DAPC is part of the ISDN package #145.

SYS9125 The ACLI package is not equipped.

Action: Equip the ACLI package.

SYS9126 System is PRA package restricted. ICS data is discarded while sysloading.

SYS9127 System is DTI package restricted. ICS data is discarded while sysloading.

SYS9128 Package #350 unrestricted with package #240 restricted.

SYS9129 Package #350 restricted with MWUN set to 32.

SYS9130 Incompatible units have been configured on the same line card.

SYS9134 Unable to allocate memory for access prefix block or access prefix table.

Action: A memory fault must be cleared or more memory must be equipped.

SYS9135 Access prefix data cannot be loaded as the ISDN package #145 is restricted.

Action: The feature DAPC is part of the ISDN package #145.

SYS9137 The prompts related to the BSFE feature are set to default values as the BFS package is not equipped.

SYS9138 The number of portable TNs exceed the Portable Limit and no further portable TNs can be sysloaded.

SYS9148 The FGD package is not equipped: FGNO value is lost in DGCR.

SYS9150 Phantom TN superloops are moved to currrent loop +32 and Phantom TN cards are moved to current card +20 (for Option 11C only).

Tone and Digit Switch Diagnostic (LD 34)

The Tone and Digit Switch and Digitone Receiver diagnostic program (LD 34) tests packs used in generating and detecting tones in the SL-1 system. Response to commands for the Dial Tone Detector card are output as DTD messages. Response to commands for the Tone and Digit Switch card are output as TDS messages.

TDS messages

TDS0000	Program identifier indicating that the program has been loaded.
TDS0001 loop	TDS loop has incorrect Digitone cycle. Outpulsing from that TDS may be faulty, or 100 ms Digitone burst is being used in a system defined for a 50 ms operation or vice versa.
TDS0002 loop	TDS loop is transmitting erroneous Digitone frequencies. Digitone outpulsing from that TDS will be faulty. Minor lamp is lit on attendant console.
TDS0003 loop	20 pps outpulser on TDS loop L has bad timing or is not producing the correct number of pulses per request. 20 pps outpulsing is faulty.
TDS0004 loop	10 pps outpulser on TDS loop has bad timing or is not producing the correct number of pulses per request. 10 pps outpulsing is faulty.
TDS0005 loop	An outpulser on TDS loop did not complete a digit. 10 or 20 pps outpulsing is faulty.
TDS0006 loop	All outpulsers on TDS loop have been disabled due to a system I/O interface fault. Minor alarm lamp lit on attendant console.
TDS0008 loop	The Digitone pulse on TDS loop did not complete cycle. Digitone outpulsing is faulty. Minor alarm lamp is lit on attendant console.

TDS0010 loop Channel errors. Bad channels are disabled. Capacity of TDS is reduced. Outpulsing and/or tone faults may occur.

TDS0011 loop x The Tone Detector is unable to detect tone x generated by TDS loop L.

Where x):

1 for Dial Tone

2 for Busy Tone

3 for Overflow Tone

4 for Ringback Tone

5 for Test Tone

TDS0012 Loop is not an active TDS. It is disabled. Pack must be enabled prior to testing. This code will only occur with a test that is invoked manually.

TDS0013 loop TDS not allowed in that loop.

Action: Use LD 17 to change system configuration.

TDS0014 loop Tone path could not be established to tone and digit loop.

Action: Check for disabled slots on pack (STAT L). If none disabled, try later when traffic is reduced.

TDS0015 loop TDS loop is not responding. Minor alarm lamp is lit on attendant console.

Action: Replace card. If the fault persists, suspect:

1. other tone and digit switch

2. Peripheral Signaling (PS)

TDS0016 TDS is already enabled.

TDS0017 No TDS available for Digitone receiver testing.

TDS0018 XX YY Bad timing on Fast TDS.

TDS0019 Outpulsing not completed on FAST TDS.

TDS0020 Digits sent do not match digits received or the number of digits entered for TABL is incorrect.

TDS0021 Invalid unit used with DTR, ENLR or DISR command.

Action: Use even number unit only. Each Digitone Receiver uses TN pair.

TDS0032 loop Card not responding.

TDS0100 l s c The specified Digitone receiver has been disabled due to lack of response or faulty operation.

Action: Replace indicated card. Suspect faulty TDS if fault persists or if more than one Digitone receiver is shown faulty. Minor alarm lamp lit on attendant console.Card is disabled only if 50 percent of system Digitone Receivers (DTRs) have not already been disabled. This failure rate will always leave 50 percent of Digitone Receivers enabled, regardless of performance.

TDS0101 l s c Specified Digitone receiver has been disabled due to loss of speech transmission capability. As for TDS100.

TDS0102 Digitone receiver requested is busy.

Action: Try again later.

TDS0103 TN specified is not equipped to be a Digitone receiver.

Action: Check data.

TDS0104 No Digitone Receiver found.

TDS0105 l s c The specified Digitone Receiver has been disabled due to a failure to detect A, B, C, D digits. Card is disabled only if 50 percent of system Digitone Receivers have not already been disabled. This failure rate always leaves 50 percent of Digitone Receivers enabled.

Action: Suspect faulty TDS if fault persists, or if more than one DTR is faulty. Minor alarm lit on attendant console.

TDS0120 The ANN command cannot be used.

TDS0121 The source number is out-of-range (1-8).

TDS0201 The last request is not finished executing. Only END is allowed. The END will terminate the execution.

Action: Wait until test execution has finished.

TDS0202 Invalid parameter. Wrong number of parameters for this command.

TDS0203 Invalid command.

TDS0204 Loop is out-of-range. Loops 0 to 159 only are allowed.

TDS0205 Shelf is out-of-range.

TDS0206 Card is out-of-range.

TDS0207 Unit is out-of-range (0 to 1).

TDS0208 Command requested is allowed only from an SL-1 telephone. Tones or outpulsing cannot interact with a TTY.

Action: Use SL-1 maintenance set telephone to enter command.

TDS0209 Customer does not exist.

TDS0210 Card does not exist in data base.

TDS0212 Requested trunk type that uses the desired outpulser is not available.

Action: Be sure the system contains the desired trunks. If they exist, all trunks in that category may be busy or unequipped.

TDS0301 l s c (u) x The specified tone detector has been disabled due to faulty operation or lack of response, where x and y indicate the mode and test it has failed. The rest of the testing is aborted.

X Y Mode 0004, 0001, Mode I Precise Tone

0004, 0003, Mode I Tone Duration is greater than 50 ms

0004, 0005, Mode I Tone Duration is greater than 300 ms

0004, 0005, Mode I Tone Duration is greater than 300 ms, Tone is turned off at 256 ms

0005, 0001, Mode I Precise Busy Tone

0005, 0003, Mode I Non-Precise Busy Tone

0006, 0001, Mode I Precise Overflow Tone

0006, 0003, Mode I Non-Precise Overflow Tone

0006, 0005, Mode I Tone Duration is less than 300 ms

0007, 0001, Mode I Ringback Tone

0007, 0003, Mode I Any Tone

0008, 0001, Mode I Special Common Carrier Dial Tone

0009, 0001, Mode I Unidentified Tone

0009, 0003, Mode II Unidentified Tone

0009, 0005, Mode IV Test Tone

0009, 0007, Mode III Test Tone

0009, 0009, Mode III Test Tone (Tone is turned off at 5.5 s)
000A, 0001, Mode V Single Frequency Tone
000A, 0003, Mode V Dual Frequency Tone

TDS0302 l s c (u) The specified tone detector has been disabled; unable to perform self-test.

TDS0303 l s c (u) Terminal number specified is not designated as a tone detector.

TDS0304 No TDS is available for tone detector testing.

TDS0310 Tone detector (TDET) package is restricted.

TDS0311 l s c (u) Specified TN is not an MFR.

TDS0312 No MFR units are configured.

TDS0313 Some units of MFR card are busy, test not done.

TDS0314 No MFS available for MFR test.

TDS0315 l s c u MFR unit is busy. Test not performed.

TDS0316 MFR is disabled due to faulty operation.

TDS0317 Digitone Receiver's (NT8D16) Peripheral Controller (NT8D01) is disabled, nothing is performed.

Action: Use LD 32 to enable the card.

TDS0318 Superloop number must be a multiple of 4.

TDS0319 Digitone Receiver (NT8D16) failed self test.

Action: Replace the Digitone Receiver.

TDS0320 Digitone Receiver (NT8D16) does not respond.

Action: Check Digitone Receiver and the Network Card/Peripheral Controller (NT8D04/NT8D01) communication path to the card for a fault.

TDS0400 FTC Table 0 used for tone tests.

TDS0411 Dialtone Detector package is not equipped.

TDS0412 Dialtone Detector and Tone Detector packages are not equipped.

TDS0500 ANN command cannot be used because the Message Intercept (MINT) package 163 is not equipped.

TDS0501 Source number out-of-range. Only 8 external sources (1 to 8) can be defined for testing.

TDS0502 ENLX (Enable) or DISX (Disable) commands are only used on Conference/TDS/MFS cards.

TDS0503 The Conference/TDS/MFS card is already enabled/disabled.

TDS0504 Received an unexpected message from the Conference/TDS/MFS card.

Action: Use the DISX command to disable the card and retry the ENLX command to enable the card.

TDS0505 The Enable command (ENLX) did not receive the down-load complete message within 6 seconds.

TDS0506 Tone or cadence number is out-of-range.

TDS0507 The TLP Supplementary package is not equipped.

TDS0508 The SSD scanning message received no response from the DTR/XDTR.

Action: The faulty DTR is disabled.

TDS0511 l s c u x DTR/XDTR fails to respond to SSD scanning message for “x” times prior to the DTMF tone detection test.

TDS0512 l s c u x d DTR/XDTR fails to detect the “d” digit for “x” times prior to the DTMF tone detection test is testing.

TDS0513 l s c u x DTR/XDTR fails to detect all the digits for “x” times when the DTMF tone detection test with the fast TDS is testing.

TDS0514 l s c u x DTR/XDTR fails to pass the digit through for “x” times when continuity test is testing.

TDS0520 DTR and TDS commands are not supported for slot 0.

Action: To test these devices you can do a DISX 0 and then ENLX 0.

TDS0521 Equipment cannot be enabled due to disabled Tone and Digit Switch (TDS).

Action: Use OVL 34 to enable before proceeding.

TDS0522 New MFC/MFE/MFK5/MFK6 units on Card 0 can only be enabled by ENLX in LD 34.

Action: To enable these units, go into LD 34 and perform ENLX 0.

TDS0827	Multiple SSD messages of the same DTMF digit are received from the same NT8D16 Digitone Receiver during a DTR or TDS test in LD 34. **Action:** If this problem occurs every time, replace the card.
TDS0828 loop	Attempting to enable Conference/TDS card during midnight routines.
TDS0829	A command with the same functionality is supported in Overlay 32.

Tape Emulation

TEMU messages

TEMU0001	Failure during initialization of tape emulation.
TEMU0002	x Failure giving command semaphore.
TEMU0003	x Invalid command sent to tape emulation.
TEMU0004	x Semaphore creation failed.
TEMU0005	x Tape task init failed.
TEMU0006	x Tape task activation failed.
TEMU0007	Failure creating tape emulation task.
TEMU0008	x Failure taking command semaphore.
TEMU0009	x Unknown command sent to tape task.
TEMU0010	Error occurred writing HI database.
TEMU0011	Error occurred backing up database. **Action:** Be sure that the Floppy Diskette is properly inserted.
TEMU0012	Error occurred restoring database. **Action:** Check that Floppy Diskette is properly inserted.
TEMU0013	Error occurred swapping primary/secondary databases.
TEMU0014	TEMU task timeout. Where: cmd= x data= y stat= z.

TEMU0020	x Failure opening file y.
TEMU0021	x Failure obtaining size of file y.
TEMU0022	x Failure renaming file y to z.
TEMU0023	x WARNING - failure opening file y.
TEMU0028	Failure opening database files for reading.
TEMU0029	Failure closing database files after reading.
TEMU0030	x Failure opening file y for writing.
TEMU0032	Failure opening database files for writing.
TEMU0037	Failure closing database files after writing.
TEMU0038 x y	Error skipping x records.
TEMU0040	Invalid read in write sequence.
TEMU0041	Failure reading record from x file.
TEMU0042	x Failure reading from y file during Query.
TEMU0043	x Failure reading from fd y.
TEMU0044	x Failure writing to fd y.
TEMU0045	x Failure seeking to y for z in file.
TEMU0046 x y	x Failure at y in file.
TEMU0047	Attempt to write x record.
TEMU0048	Database disk volume is full.
TEMU0049	WARNING: record no mismatch, curr=x, rec=y.
TEMU0050	Begin write not at 1st data rec, curr=x, rec=y.
TEMU0051	Failure writing record to x file.
TEMU0053	Attempt to write unknown record type x.
TEMU0056	DB x request illegal during write sequence.

TEMU0059	x WARNING - failure closing y file.
TEMU0061	Failure copying dir x contents to y.
TEMU0062	Database x removable media failed.
TEMU0071	Failure during database query.
TEMU0072	x Failure moving dir y contents to z.
TEMU0073	Failure swapping primary database with secondary.
TEMU0074	x Failure copying y file to z file.
TEMU0075	x Failure y dir z for copy.
TEMU0076	Copy source dir x is empty.
TEMU0077	Failure copying dir file x to y.
TEMU0079	x Failure to y diskette vol during formatting.
TEMU0080	x No diskette in active CMDU drive y.
TEMU0081	x Failure formatting diskette in active CMDU drive y.
TEMU0082	x Open failure for hi dir y on active CMDU diskette.
TEMU0083	Diskette on active CMDU drive x is write protected.
TEMU0085	x Failure y dir z for rename.
TEMU0086	Rename source dir x is empty.
TEMU0087	x Failure renaming dir file y to z.
TEMU0088	WARNING: x file was not preallocated on disk.
TEMU0100	Failure obtaining file/dir name “x” from DLO.
TEMU0101	The version of the language database is higher than the S/W current issue. The configuration is defaulted to none. **Action:** Reconfigure the data and do a data dump.
TEMU0102	The language database’s issue number could not be retrieved. The configuration is defaulted to none.

Action: Reconfigure the data and do a data dump.

TEMU0103 The complete filename is too long.

TEMU0104 The language data could not be written to the disk. Refer to previous messages to determine what caused the situation.

Action: Restart the data dump after clearing the originating problems.

TEMU0105 Failure to open/create dir on PCM-CIA

Action: Check whether the PCMCIA card is inserted. Contact your technical support group.

TEMU0106 Unable to get PSDL files from the system.

Action: Depends on the feature set. Some systems do not require the presence of the PSDL file.

TEMU0107 PSDL file cannot be opened or does not exist in the system.

Action: Depends on the feature set. Some systems do not require the presence of the PSDL file.

TEMU0108 Config/Database file cannot be found in the system.

Action: Contact your technical support group.

TEMU0109 Unable to get config/database file path.

Action: Contact your technical support group and check for the existence of the disk.sys file in the system.

TEMU0110 Error occurred while restoring internal database.

Action: Some files may be not restored or re-named properly. Contact your technical support group.

TEMU0111 Error occurred while backing up internal database.

Action: Might lose the internal backup capacity. Contact your technical support group.

TEMU0112 Error occurred while backing up external database.

Action: Check that PCMCIA data drive is properly inserted. Some files might not be backed up. Contact your technical support group.

TEMU0113 Error occurred restoring external database.

Action: Check that PCMCIA data drive is properly inserted. Contact your technical support group.

TEMU0114 Restore from internal backup drive failed.

Action: Try again. If the problem persists contact NT support.

TEMU0115 zdrv: Drive full, file%s not backed up, where s is the file name.

Action: Contact your technical support group.

TEMU0116 zdr: Error back up file%s, where s is the file name.

Action: Contact your technical support group.

TEMU0117 zdrv: Error creating internal backups, retrying. Some files might not be backed up.

Action: Contact your technical support group.

TEMU0118 zdr: Unable to create internal backups.

Action: Contact your technical support group.

TEMU0119 Could not get patch retention information; no patches will be backed up.

Action: Verify the existence of the reten file and contact your technical support group.

TEMU0120 zdr: Failed to install zdrv driver.

Action: Contact your technical support group.

TEMU0121 zdr: Drive ID%X%X differs from system ID

Action: Contact your technical support group.

TEMU0122 zdrv:%s and%s have differing time stamps, where s = file name.

TEMU0123 zdrv: Restoring s, where s is the file name.

TEMU0124 zdrv: Failed to restore s, where s is the file name.

Action: Contact your technical support group.

Traffic Control (LD 2)

TFC messages

TFC0200	Syntax error. Illegal character has been input.
TFC0201	The parameter specified is out-of-range.
TFC0202	The loop specified is not equipped.
TFC0203	The card specified is not equipped.
TFC0204	The unit specified is not equipped.
TFC0205	Program bug — should never happen.
TFC0206	Customer specified is not equipped.
TFC0207	Traffic Print program is busy with scheduled output.
TFC0208	Traffic Control program cannot be invoked from a maintenance set.
TFC0209	The Network Traffic (NTRF) feature is not equipped.
TFC0210	There is no ESN customer data block.
TFC0211	There is no ESN Data for the requested item.
TFC0212	The NCOS data block does not exist in the system.
TFC0213	IMS or Command and Status Link (CSL) package not equipped.
TFC0214	Channel specified is not equipped.X08: Password does not have access to system commands.
TFC0215	Invalid input for Digital Trunk Interface (DTI) loop.

TFC0216 Command and Status Link (CSL) package not equipped.

TFC0220 System cannot allocate space for Line Load Control (LLC) data block.

TFC0221 Invalid command: Line Load Control (LLC) is not enabled.

TFC0223 The ISA package is not equipped.

TFC0400 The user does not have access to system commands.

TFC0401 The user does not have access to this customer.

TFC0402 The user does not have access to Line Load Control commands.

TFC0403 NAS package is not equipped.

TFC0404 ISDN INTL SUP package (30B+D) is not equipped.

TFC0405 Invalid DN entered.

TFC0406 The time synchronization DN has to be set for the new customer.

TFC0407 RPA package is not equipped.

TFC0408 No BRI package equipped.

TFC0409 Failed to request information from the MISP.

TFC0410 Calculation for the next Daylight Savings Time and Standard Time change cannot be done, because the system clock is not set.

Action: Set the system clock in LD 2.

TFC0411 FWTM AT {time} {date} The system clock has been changed forward one hour for Daylight Savings Time change. No action is necessary.

TFC0412 BWTM AT {time} {date} The system clock has been changed backward one hour for Standard Time change. No action is necessary.

TFC0413 FWTM and BWTM setting cannot be identical.

TFC0414 The Meridian 1 Packet Handler package is not configured. You cannot schedule TFS015 if this package is not equipped.

TFC0415 Failed to request BRSC traffic information from MISP. MISP loop number and BRSC TN are printed.

Action: Check MISP and BRSC states.

TFC0416 Use TCFT/SCFT commands (OV 2) to find out/change for which customer you are collecting features.Currently, it is not the same customer you have just entered in the INVC command. If no previous SCFT, default is customer 0.

TFC0419 A conference loop was overflowing. There may not be enough available slots on the loop.

TFC0420 ISDN Semi Permanent Connection (ISPC) package is not equipped. In Overlay 2, a request to set/clear Customer Traffic Report for ISPC links establishment (type=10) has been done using SOPC or COPC command but the ISPC package is not enabled.

Action: Select a different report type or Unrestrict the ISPC package and reload PBX if necessary.

TFC0421 ISDN Semi Permanent package is not equipped. In Overlay 2, a request to set/clear the Customer Traffic Report for ISPC links established (type=10) was attempted using the SOPC or COPC command.

Action: Select a different report type, or Unrestrict the ISPC package and reload the PBX if necessary.

Customer Network Traffic

TFN messages

TFN0401 Routing control has been invoked from an attendant console; the time (hhþmmþss) and termination number (TN) of the console are included in the message.

TFN0402 Routing control has been deactivated from an attendant console; the time and TN of the console are included in the message.

Traffic Measurement

TFS messages

TFS0000 Indicates the commencement of a traffic study printout.

TFS0001 A broadcast call between junctors was blocked.

Action: Spread the broadcast routes across the groups. If the problem still persists, contact your technical support group.

TFS0301 First since initialization.

TFS0302 Traffic schedule for system or customer has been changed.

TFS0303 There has been more than one hour since the last traffic output.

TFS0401 A connection was held for greater than or equal to 36 ccs, but less than 50 ccs. Usage and peg count are still accumulated.

TFS0402 A connection was held for greater than 50 ccs. Usage and peg count are not accumulated. However, if either TFCE options are enabled, usage and peg count are accumulated if TFS403 messages do not appear.

TFS0403 A trunk was held for greater than or equal to 50 ccs without having its traffic accumulated while one or both of the Trunk Traffic Reporting Enhancements options are enabled.

Note that if the TFS403 message appears at the end of a traffic period and the “traffic period option” is enabled, then only the usage is not accumulated. If the TFS403 message appears at disconnect time, then both usage and peg count are not accumulated.

TFS0411 Large ccs if TFS401/402 cannot be printed immediately.

TFS0412 calls ccs Traffic totals: number of calls and total ccs.

TFS0500 tn 1 to 2 A unit tn2 could not enter conference tn1; no slots available.

TFS0501 loop Audit (LD 44) found time slot x on a loop incorrectly identified as busy. The time slots have been idled. Since these time slots were not used by the system, they represented higher blocking probability. This will affect traffic analysis.

TFS0502 j x Audit (LD 44) found time slot x on junctor j incorrectly identified as busy. The time slots have been idled. Since these time slots were not used by the system, they represented higher blocking probability. This will affect traffic analysis.

TFS0503 {TN} Music could not be connected since the ISM limit has been reached.

Action: If the condition persists then increase the ISM limit for Music Broadcast.

TFS0999 Indicates the completion of a traffic study printout.

T1 Multipurpose Digital Interface

The TMDI messages report problems with the TMDI card and its applications. TMDI commands are provided in LD 60, and LD 96.

TMDI messages

TMDI0100 x The CSTAT and CSUBSTAT fields on TMDI x indicate the card is Manually Disabled. The Meridian 1 believes the card is Enabled. The card is placed in the System Disabled - Self- tests Passed state, and within the next few minutes, the Meridian 1 will attempt to enable the card.

TMDI0101 x The CSTAT field on TMDI x indicates the card is no longer Enabled. The Meridian 1 will attempt to return the card to an Enabled state within a few minutes. Under certain conditions, this message is output at the same time as TMDI302.

TMDI0102 x No response was received from TMDI x to a background polling message sent periodically to each TMDI card. The purpose of this message is to ensure that the card is capable of receiving and sending messages.

TMDI0103 x An Overlay was waiting for a message from TMDI x. Most likely, the Overlay is no longer loaded. The message the Overlay was waiting for was never received.

TMDI0104 x The TMDI background audit sent a message to TMDI x, and did not receive a response.

TMDI0106 x appl The TMDI audit detected that there was no response to a maintenance message originated by an application (appl) on TMDI x.

TMDI0107 x appl y The Meridian 1 was unable to determine if downloading was necessary. An SDL error message should accompany this message and describe the reason for the failure. Three fields accompany this message: x = device number (LD 17 DNUM), appl = the application name, and y is for design use only.

TMDI0108 x appl An application on TMDI x needs to be downloaded to the card. Downloading begins as soon as there is no Overlay loaded. Where: x = device number (LD 17 DNUM) and appl = the application name.

TMDI0112 x TMDI x has been reset in order to begin automatic recovery. Immediately following this message, the card is executing self tests. When they are finished, provided they pass, the Meridian 1 will attempt to enable the card. Where: x = device number (LD 17 DNUM).

TMDI0201 x appl TMDI x sent a message to the Meridian 1 indicating an application data space has been corrupted. Where: x = device number (LD 17 DNUM) and appl = the application name.

TMDI0202 x appl TMDI x sent a message to the Meridian 1 indicating that an application on the card unexpectedly disabled itself (performed a “close”). Where: x = device number (LD 17 DNUM) and appl = the application name.

TMDI0204 x appl The Meridian 1 searched the system disk to find a version of an application for TMDI x and found none.

Where: x = device number (LD 17 DNUM)

appl = the application name.

TMDI0205 x appl y z An error was encountered when searching the system disk to find a version of an application for TMDI x. Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

TMDI0206 x appl y z An error was encountered when comparing a version of an application on the system disk with the version on TMDI x.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application if a version exists on the card.

TMDI0207 x appl y z An error was encountered when downloading an application to TMDI x. Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. The entire enable sequence has been aborted.

TMDI0208 x When preparing to download the base software to TMDI x, the card indicated that some kind of fatal error was encountered. Where: x = device number (LD 17 DNUM).

Action: Execute self-tests before attempting any other action regarding this card.

TMDI0209 x y z Some memory was reclaimed within the MSDL for future use. An application on MSDL x requested that a buffer pool be freed. When this occurred, there was at least one outstanding buffer. The basecode waited for the buffer(s) to be returned to the pool before freeing the buffers, but it never returned. The buffer pool was forcibly freed by the basecode.

Where: x = device number (LD 17 DNUM)

(y and z are for design use only).

TMDI0300 data The TMDI background audit has changed the card state. In the cases where the card was previously enabled and now is no longer enabled, another TMDI message will indicate the reason for the state change. When making a state transition due to a fatal error on the card, the reason for the fatal error is displayed in this message. This is an informational message and requires no action by the craftsperson.

Output data: TMDI300 x FROM: aaaa TO: bbbb TIME time REASON cccc

Where:

x = TMDI card number (in decimal)

aaaa = the status of the TMDI prior to the state change

bbbb = the state of the card after the state change

time = the time of the state change

cccc = reason for the error (only when “TO: SYS DSBL - FATAL ERROR”)

TMDI0301 x y z An expedited data unit was received. The Meridian 1 is not expecting TMDI x to generate any messages in its current state. However, immediately following a state transition to a disabled state, a pending message may cause this message to be displayed. This informational message indicates that the incoming message from the card was not processed due to the state change. No action is required.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

TMDI0302 x y Access to the memory space shared by the Meridian 1 and the TMDI (Shared RAM) has been momentarily suspended by TMDI x. There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = device number (LD 17 DNUM) and y = the reason for the suspension. Currently the only reason supported is the value “1,” which indicates that some kind of buffer corruption was detected.

TMDI0303 x y The Meridian 1 detected corruption in either the receive ring or the transmit ring or both, causing access to the memory space shared by the Meridian 1 CPU and TMDI x (Shared RAM) to be momentarily suspended.

Take no action because of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = device number (LD 17 DNUM) and y = a decimal number indicating where the corruption was detected. 1 means receive ring, 2 means transmit ring, and 3 means both receive and transmit rings.

TMDI0305 x y The Meridian 1 received 200 or more messages from TMDI x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer does not warrant removing the card from service.

Where: x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)

TMDI0306 x y The Meridian 1 has received 300 or more messages from TMDI x within one second. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer warrants removing the card from service.

Where: x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)

TMDI0307 x data TMDI x encountered a fatal error. Where: x = device number (LD 17 DNUM). The data following x is information read from the card regarding the error and is intended for design use only.

TMDI0308 x y appl data TMDI x reported that it received a message with an invalid (bad) socket ID.

Where:

x = device number (LD 17 DNUM)

y = the socket ID appl = the application name

data = up to eight words of hex data representing the message sent

TMDI0451 <cardAddress> <(cardIndex)> <invalidCardstate> An invalid card state change request from the SL1 task has been detected by the MMIH dxriver.

Action: If the problem does not clear automatically, disable and then enable the card.

TMDI0452 <cardAddress> <cardIndex> The MMIH driver failed to send an SSD message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

TMDI0453 <cardAddress> <cardIndex> The MMIH driver failed to send an RFC message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

TMDI0454 <cardAddress> <cardIndex> The MMIH driver failed to place a transmit expedited message in the expedited interface.

Action: Disable and then enable the MSDL/MISP/TMDI card. If the problem persists contact your technical support group.

TMDI0455 <cardAddress> <cardIndex> The MMIH driver failed to send the Start UIPE Call Rebuild message through RFC to the SL1 task.

Action: The call rebuild operation for that MSDL will fail. If necessary, disable and then enable the MSDL/MISP/TMDI card. If the problem persists contact your technical support group.

TMDI0456 <blockSize> The MMIH driver failed when it allocated memory of the size blockSize for the buffer pool. The system is probably out of memory and cannot communicate with the MSDL/MISP/TMDI cards.

Action: Contact your technical support group.

TMDI0457 <first 16 words of msg> The MMIH has found a buffer in the Rx Ring message queue with an expired timestamp. The SL1 application has not processed the buffer's content promptly or the SSD message to the SL1 task was lost. The buffer's timestamp is reset and the buffer is returned as a free buffer. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Check the traffic reports. Excessive traffic casn cause a delay in the core CPU.

TMDI0458 <first 16 words of msg> The MMIH has found a buffer in the Tx Exp message queue with an expired timestamp. The message timed out while being sent to the card. The buffer is overwritten with the new message data. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Disable and then enable the card. If the problem persists replace the card.

TMDI0459 The MMIH has found a null physical I/O block pointer. The I/O pointer is corrupted and will prevent the system from communicating with the MSDL/MISP/TMDI cards.

Action: Contact your technical support group.

TMDI0460 <cardIndex> The MMIH driver has found that the card index is out of range. The card index is corrupted and will prevent the system from communicating with the MSDL/MISP/TMDI cards.

Action: Contact your technical support group.

TMDI0461<cardAddress rtclock maintenancePegs> A query base code message was sent by the MMIH after finding the SRAM suspended. maintenancePegs is a list of peg counts kept by the card's maintenance task.

TMDI0462 <cardAddress rtclock Msl1Pegs> This message is printed in series with TMDI0461. msl1Pegs is a list of peg counts kept by the card's SL1 messaging interface task.

Action: Information only. If the problem persists disable and then enable the card.

TMDI0463 <cardAddress rtclock debugPegs> This message is printed in series with TMDI0462. debugPegs is a list of peg counts kept by the card's debug task.

Action: Information only. If the problem persists disable and then enable the card.

TMDI0464 <cardAddress rtclock utilityPegs> This message is printed in series with TMDI0463. utilityPegs is a list of pegs kept by the card's utility task

Action: Information only. If the problem persists disable and then enable the card.

TMDI0465 <cardAddress rtclock layer1Pegs> This message is printed in series with TMDI0464. layer1Pegs is a list of pegs kept by the card's Layer 1 task.

Action: Information only. If the problem persistrs disable and then enable the card.

TMDI0466 <cardAddress rtclock returnCode> The Interface Audit's polling message cannot be sent to the card's ring interface. The returnCode is the reason why the message has not been sent. The following returnCode values can appear:

0-request failed (null message pointer, empty data socket)

1-request succeeded

2-no operaton (invalid card state)

4-flow control

5-no buffer

6-socket ID is suspended

7-ring is not operational

8-invalid socket ID

Action: Information only. If the problem persists, disable and then enable the card.

TMDI0467 <cardAddress> <cardIndex> <rtclock> The SRAM Suspend message cannot be sent to the card through the expedited interface in response to two or more no buffer conditions being detected in a timespan greater than 100 msec.

Action: Information only. If the problem persists disable and then enable the card, or replace the card.

TMDI0468 <cardAddress> <cardIndex> <rtclock> <returnCode> <socketId application> <'First 8 words of the msg'> The application's message cannot be sent to the ring and the reason code is other than no buffer.

socketID is the socket for the mssage to be sent

applicationID identifies the transmitting application

The first 8 words of the message are displayed in hex

returncode contains the actual value returned by the procedure and contains one of the following values:

0-request failed (null message pointer, empty data socket)

1-request succeeded

4-flow control

5-no buffer

6-socket ID is suspended

7-ring is not operational

8-invalid socket ID

Action: Information only. If the problem persists disable and then enable the card.

TMDI0469 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the transmitting ring is in the interface full state.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

TMDI0470 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the card has not yet sent an initialization acknowledgement response.

Action: Check whether the traffic flow is excessive. If the problem persists, disable and then enable the card.

TMDI0471 <cardAddress> <cardIndex> <rtclock messageSize> A no buffer condition occurred because a single buffer message is larger than the size of a single buffer.

Action: Contact your technical support group. The buffer's data could be corrupted.

TMDI0472 <cardAddress> <cardIndex> <rtclock messageSize> Insufficient buffers available in the transmit ring for the message.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

TMDI0474 <cardAddress> <cardIndex> <rtclock> <socketId application> <'First 8 words of the msg'> A no buffer condition has been encountered while attempting to send a message to the transmit ring. The first 8 words of the mssage are displayed in hex.

The socketID is the socket for the message to be transmitted

The applicationID is the application ID of the application sending the message

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

TMDI0475 <cardAddress><cardIndex><rtclock> <tempNoBufferCount> <rtclockOfFirstNoBuffer> This message is printed when the first line of corrective action (suspending the transmit ring) is taken. It displays the contents of the error detection variables and the descriptor words of all buffers in the transmit ring. It is printed in series with TMDI0476 and TMDI0477. The variables are:

tempNoBufferCount - number of consecutive no buffer occurrences since the last successful write to the transmit ring.

totalNoBufferCount - total number of no buffer occurrences for the card.

rtclockOfFirstNoBuffer - rtclock value at the time of the first no buffer occurrence following the last successful write to the transmit ring.

descriptor words - all 60 descriptor words are printed (in hex), six to a line.

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

TMDI0476 <cardAddress> <cardIndex>< rtcloc>k currentIndex> <descriptorBLockAddress> <bufferSize> <numberOfBuffers> <transmitRing Address> <transmitRingState> This message displays pertinent variables kep by the MMIH driver for the transmit ring. It is printed in series with TMDI0475 and TMDI0477. The variables printed are:

currentIndex - the MMIH's current index into the transmit ring's buffers (head pointer)

descriptorBlock Address - offset of the descrtiptor block in the SRAM

bufferSize - size of the buffers in the transmit ring

numberOfBuffers - number of buffers in the transmit ring

transmitRingAddress - address of the transmit ring in the card's SRAM

transmitRingState - current state of the transmit ring

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

TMDI0477 <cardAddress> <cardIndex> rtclock '44SRAM configuration Block words' This message displays the contents of the SRAM configuration block. It is printed in series with TMDI0475 and TMDI0476.

- configuration words - all 44 descriptor words are printed (in hex), four to a line.

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

Test Multifrequencies

TMF messages

TMF0000	Program identifier.
TMF0001	Invalid input, number of chars in one field are greater than 4.
TMF0002	Invalid input, garbage datatype.
TMF0003	Invalid input, command field unknown.
TMF0004	Invalid input, too many parameters.
TMF0005	Last command is still in progress.
TMF0006	Invalid TN.
TMF0007	Invalid DOD trunk.
TMF0008	Trunk is busy or disabled.
TMF0009	Invalid TN. SHLF out-of-range (0 to 3).
TMF0010	Invalid TN. Card out-of-range (1 to 10).
TMF0011	Invalid set TN.
TMF0012	Defined set is busy or disabled.
TMF0013	Package restricted, Overlay not allowed to load.
TMF0014	Signaling type not defined.
TMF0015	Signaling type already defined.
TMF0016	Command not valid for MFE signaling.

TMF0017	Trunk Busy - DSI Timing.
TMF0018	Use loop and channel for digital loop TN.
TMF0019	Invalid Digital Loop TN.

Call Trace (LD 80)

The Call Trace program (LD 80) provides a means of tracing a call by looking at a snap shot of the transient data (such as Call Register contents) associated with the call.

The program has three basic commands:

- TRAT for tracing attendant consoles
- TRAC for tracing sets and trunks
- TRAD for tracing calls through Computer PBX Interface (CPI), Digital Trunk Interface (DTI), Primary Rate Interface, or Digital Link Interface (DLI) loops.

The TRAC command can be used to print the tone detector TN if a tone detector is used at the time of the call trace.

Additional information on the NARS/BARS/CDP and Ring Again (RGA) features can be retrieved by adding DEV to any of the TRAC commands. Example: TRAC L S C U DEV

Note: BRI DNs can be traced with the TRAC C DN command. For TRAC L S C U, enter U = DSL0 to DSL7 for Digital Subscriber Loops.

The command results are reported in TRA messages.

TRA messages

TRA0100	Illegal command.
TRA0101	Illegal input parameters.
TRA0105	Input DN is special prefix.
TRA0106	Illegal input parameters.
TRA0108	Illegal digits stored in Call Register.
TRA0110	Fails TNTRANS (or loop disabled).
TRA0111	Fails TNTRANS.
TRA0112	Fails TNTRANS.
TRA0113	Fails TNTRANS.
TRA0120	Fails DNTRANS.
TRA0121	Call trace fails.
TRA0122	Call trace fails.
TRA0130	Call trace fails.
TRA0142	Attendant number exceeds the maximum number defined.
TRA0150	Digitone Receiver (TTR/DTR) cannot be traced. **Action:** Input * and carriage return to stop printout.
TRA0160	Specified key does not exist.
TRA0180	Loop is not a Digital Trunk loop.
TRA0181	Channel to TN conversion failed.
TRA0182	Loop is a DTI loop, use TRAD.
TRA0190	TN cannot be traced.
TRA0191	DN cannot be traced.
TRA0201	Route member out-of-range.

TRA0202 Route member does not exist.

TRA0253 MFR cannot be traced.

TRA0300 A Local Steering Code (LSC) without an associated DN cannot be traced.

TRA0301 Your TNTRANS:TDET_TN has failed. Your PRINT_TDET may be corrupted by the procedure RGAT_INSERT_TIME.

TRA0304 Invalid digit stored in BRI message Call Register.

TRA0305 The Multi-User Login feature is not active.

Action: Be sure the package is enabled, and MULTI_USER = YES in LD 17.

TRA0306 The time duration is out-of-range.

Action: The correct time format is: hh = 00-23, mm = 00-59.

TRA0307 Illegal digit(s) in stored M911 auxiliary Call Register.

TRA0308 Illegal digit(s) stored in DN field.

TRA0309 More than three ENTC/ENTD commands have been entered. You cannot enter the commands again.

TRA0310 The Trace has been stopped because the traced TN or Digital trunk has been relocated or removed.

TRA0311 More than one GOTR has been entered. You cannot enter the command again.

TRA0312 The same TN or Digital trunk has been entered more than once. The same TN or Digital trunk cannot be traced simultaneously by the enhanced trace commands.

TRA0313 You must enter ENTC/ENTD before entering GOTR.

TRA0314 You must enter the STPT command before entering DALL ENTC or DALL ENTD.

TRA0317 Cannot use Enhanced trace on a phantom TN/DN.

Action: Use the regular trace commands.

TRA0319 An illegal digit is stored in the TWR1 CLID field.

Trunk Diagnostic (LD 36, LD 41)

Insufficient space in the Overlay area requires the trunk diagnostic to be split into two programs. LD 41 is an extension of LD 36.

The programs allow trunks to be tested from either the SL-1 site or a remote test center. Problems are reported in TRK messages.

LD 36 can perform tests on XDID, XCOT and XFEM cards also. These cards will be recognized in relevant commands.

Trunk Failures

The trunk failures are possible for many different trunk types.

SHORT HOLD (HOLD)—An unacceptably large percentage of calls on the trunk were held for a short period. Short hold measurement can be set from 0 to 128 s in increments of 2 s.

SEIZURE FAILURE (SEIZ)—More than a specified percentage of calls did not receive seizure supervision from the far-end. On each occurrence, the trunk was released and another trunk seized.

RINGING ON SEIZED TRUNK (ILLR)—Ringing was not removed when the trunk call was answered. Indicates a trunk circuit card fault (not to be confused with LD 41 identifier).

RING OR GROUND DETECTOR FAILURES (RGFL)—Ring or ground detector changes were not received from the trunk on a large percentage of calls. On those incoming calls which should have had both ringing and ground applied, one or the other was not detected.

SUPERVISION FAILURE (SUPV)—The trunk did not return answer supervision on a large percentage of calls.

REPETITIVE MESSAGES (REPT)—The trunk was sending incorrect data to the processor. If it is a CO trunk, confirm that the LOOP START and GROUND START switches on the trunk card are in the correct positions. This could indicate either a trunk card fault or a high volume of transitions on the trunk facility. Threshold is fixed by the system.

If a DTI is used and this condition follows a series of DTA207 messages, then a series of DTI channels are in lockout. Verify that the Digital Signaling Category table are compatible at both ends. See FEAT = ABCD in LD 73.

RELEASE FAILURE—No disconnect supervision was received from the trunk within 60 s of a local set going on-hook. This trunk will remain busy until disconnect supervision is received. Use LNDS command to determine whether trunk has remained in this state.

Dictation trunk In situations where the external dictation equipment busies out the trunk at the end of each call, TRK186 messages do not indicate a fault.

TRK messages

TRK0000 LD 36 Program identifier.

TRK0001 Invalid command.

Action: Check command format and begin again.

TRK0002 Invalid argument(s).

Action: Check command format and begin again.

TRK0003 Invalid or out-of-range TN.

TRK0004 Too many digits in the DN.

TRK0005 Unit requested is not a trunk.

TRK0006 Unit requested or all trunks busy.

Action: Wait until idle.

TRK0007 Command not valid unless a monitor link exists, i.e., a trunk link between the SL-1 system and the test center.

Action: Use CALL command if at test center or abort and reload from SL-1 location.

TRK0008 No CO trunk defined in the system. Cannot use command.

Action: Change to SL-1 telephone.

TRK0009 No maintenance SL-1 telephone available for the call. SL-1 telephone may be busy.

Action: Wait until idle.

TRK0010 Trunk must be a CO trunk.

Action: Check terminal numbers and begin again.

TRK0011 Call command not allowed from a SL-1 telephone.

Action: Use trunk command directly.

TRK0012 Customer or route does not exist or is out-of-range.

The Format is: customer (range 0-99), route; (range 0-127).

TRK0013 The unit requested is not an incoming trunk.

Action: Check data. Command is allowed only for incoming trunks.

TRK0014 Unexpected call status change, e.g., disconnect from far-end.

Action: Input request again. If still same, try another test number.

TRK0015 Another party attempted to use system SL-1 maintenance set.

Action: Reissue command CALL or TRK.

TRK0016 Trunk command not valid for AIOD and RLT-main trunks.

TRK0017 Seize failure or failure to acknowledge seizing. Also occurs when LD 36 is used with a remote maintenance phone to dial an ISL TIE line. BUG3068 occurs at the far-end.

TRK0018 STAT, DISC and ENLC commands can only be used with trunk cards.

TRK0019 Response to AIOD command. The card requested is busy or the system has AIOD traffic queued for the AIOD facility. This condition has not changed over the last 15 s.

Action: If it is required to force the test to continue, disable the card using the DISC command and re-enter the AIOD command.

TRK0020 The card requested is not an AIOD card.

Action: Verify that data is correct by using the STAT command. Reenter command.

TRK0021 The AIOD card is not responding to signaling messages sent from the processor.

Action: Ensure that the card is in place. If the card is in place, and replacing the card has no effect, refer to Fault-clearing Procedures.

TRK0022 The AIOD card cannot be readied for use. Before using the AIOD trunk facility, the system sends a reset signal to the AIOD card to ready it for data transmission. Failure to acknowledge the reset signal within 1 s is considered a failure. Card fault.

TRK0023 Error detection circuits on the AIOD facility are not functioning properly. These circuits are essential to signal the processor when incorrect data is being transmitted. Card fault.

TRK0024 Cannot transmit data because no supervision from the CO has been detected. Before actual transmission of data can occur, a bid or request to begin transmission is sent to the CO. Failure to acknowledge such a request within 4 s is considered a failure. Card fault or CO link not responding.

TRK0025 The signaling path has been interrupted during the transmission of AIOD data to the CO. CO card or modem fault.

TRK0026 Cannot release CO link. When the AIOD card has completed transmission of data, the CO signals a disconnect. If this signal is not received by the system within 1 s after the end of transmission then the sequence is considered to have failed. Card or CO fault.

TRK0027 The AIOD card is not completing its cycle. The AIOD card is expected to provide a signal that it has completed transmitting all data.Failure to provide this signal within 2 s after the start of data transmission is considered a failure. Card fault.

TRK0028 In order to test the AIOD card, there must be one or more CO trunks in the system designated to use the AIOD facility. If such trunks are busy or cannot be found for the AIOD card being tested, error code TRK028 will be output. Probable cause is faulty or missing customer data.

Action: Ensure that appropriate CO trunks in the system have been designated to use the AIOD facility.

TRK0029 The error detection circuit on the AIOD card is detecting transmission errors. This indicates that faulty data is being presented to the CO or a fault exists in the error detection circuit.

Action: Replace card.

TRK0030 ANI trunks seizure failure, or wink start signal (REQ-N1) not received or not properly received from far-end. Also wrong number of digits dialed or ANI access code (0/1) is missing.

TRK0031 ANI trunks calling number identification request (REQ-N2) not received or not properly received from far-end.

TRK0032 LD 36 - Invalid command for modem-type trunks. Add-on Module (ADM) or Modem trunks cannot be tested by this program. Use LD 32.LD 41 - PPM buffer test failed.

Action: Replace the card.

TRK0033 TN is not a PPM trunk.

TRK0034 Pulses on E&M trunk are either bad or not received.

TRK0035 Route has no member.

TRK0036 PPM read request is pending on this card.

TRK0040 c r No recorded announcement (RAN), music (MUS) or Automatic Wake Up (AWK) device exists for the customer and route specified.

TRK0041 c r The RAN, MUS or AWK device specified for customer c and route r is not operable.

TRK0042 c r The RAN, MUS or AWR device specified for customer c and route r is operating abnormally, i.e., not according to manufacturer's specifications.

TRK0043 c r tn1 tn2 The RAN, MUS or AWR device specified has RAN trunks associated with it that are not in the trunk list specified for that route. TNs specified are connected physically to a RAN, MUS or AWR device but trunk data does not reflect this.

Action: Change customer data or wiring.

TRK0044 c r tn1 tn 2 The RAN, MUS or AWR device specified has RAN trunks listed in its trunk list but the TNs are not physically connected to RAN, MUS or AWR device. (This is the inverse of TRK043).

Action: Change trunk data or wiring.

TRK0045 c r Too many trunks connected to RAN, MUS or AWR device for this customer and route. Limit is 100 trunks.

TRK0100 tn WATS trunk— Short Hold. Refer to "Trunk Failures" section.

TRK0101 tn WATS — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0102 tn WATS — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0103 tn WATS — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.

TRK0104 tn WATS — Supervision failure (SUPV). Refer to “Trunk Failures” section.

TRK0105 tn WATS — Repetitive messages (REPT). Refer to “Trunk Failures” section.

TRK0106 tn WATS — Release failure. Refer to “Trunk Failures” section.

TRK0110 tn FEX trunk, TWR1 trunk - short hold.

TRK0111 tn FEX — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0112 tn FEX — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0113 tn FEX — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.

TRK0114 tn FEX — Supervision failure (SUPV). Refer to “Trunk Failures” section.

TRK0115 tn FEX — Repetitive messages (REPT). Refer to “Trunk Failures” section.

TRK0116 tn FEX — Release failure. Refer to “Trunk Failures” section.

TRK0120 tn CCSA trunk— Short Hold. Refer to “Trunk Failures” section.

TRK0121 tn CCSA — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0122 tn CCSA — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0123 tn CCSA — Ring or Ground Detection failure (RGFL).Refer to “Trunk Failures” section.

TRK0124 tn CCSA — Supervision failure (SUPV). Refer to “Trunk Failures” section.

TRK0125 tn CCSA — Repetitive messages (REPT). Refer to “Trunk Failures” section.

TRK0126 tn CCSA — Release failure. Refer to “Trunk Failures” section.

TRK0130 tn DID trunk— Short Hold. Refer to “Trunk Failures” section.

TRK0131 tn DID — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0132 tn DID — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0133 tn DID — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.

TRK0134 tn DID — Supervision failure (SUPV). Refer to “Trunk Failures” section.

TRK0135 tn DID — Repetitive messages (REPT). Refer to “Trunk Failures” section.

TRK0136 tn Release failure on incoming DID trunk. Disconnect supervision timer (DSI) was exceeded. Refer to “Trunk Failures” section.

Action: Trunk state is changed to lockout.

TRK0137 tn Partial dial timeout on DID trunk.

TRK0139 tn No response from Universal Trunk or E&M/Dictation Trunk.

Action: Try the command again. If the problem persists, check the Network Card or Controller (NT8D04/NT8D01) and cable path to the Universal Trunk or E&M/ Dictation Trunk card.

TRK0150 tn PTRS/CO trunk — Short Hold. Refer to “Trunk Failures” section.

TRK0151 tn PTRS/CO — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0152 tn PTRS/CO — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0153 tn PTRS/CO — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.

TRK0154 Tip and ring reversal, or other trunk wiring problem threshold (LD 16 RSVD) has been reached.

Action: Check the trunk wiring.

TRK0155 tn PTRS/CO — Repetitive messages (REPT). Refer to “Trunk Failures” section.

TRK0156 tn Release failure on outgoing CO trunk. Disconnect supervision timer (DSI) was exceeded. Refer to “Trunk Failures” section.

TRK0157 tn PPM read failure. An attempt to read the contents of the trunk register failed.

TRK0160 tn TIE trunk— Short Hold. Refer to “Trunk Failures” section.

TRK0161 tn TIE — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0162 tn TIE — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0163 tn	TIE — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0164 tn	TIE — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0165 tn	TIE — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0166 tn	TIE — Release failure. Refer to “Trunk Failures” section.
TRK0170 tn	Paging trunk— Short Hold. Refer to “Trunk Failures” section.
TRK0171 tn	Paging — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0172 tn	Paging — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0173 tn	Paging — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0174 tn	Paging — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0175 tn	Paging — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0176 tn	Paging — Release failure. Refer to “Trunk Failures” section.
TRK0177	MFR holding time has timed out on incoming TWR1 call.
TRK0180 tn	Dictation trunk— Short Hold. Refer to “Trunk Failures” section.
TRK0181 tn	Dictation — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0182 tn	Dictation — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0183 tn	Dictation — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0184 tn	Dictation — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0185 tn	Dictation — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0186 tn	Dictation — Release failure. Refer to “Trunk Failures” section.
TRK0191 tn	No control signal (CNTL) returned. A control signal indicating the status of Code-a-Phone or Audichron has not been received by the processor in the last 5 minutes for Code-a-Phone or 32 seconds for Audichron.
TRK0192 tn	Start failure (STRT). To start Code-a-Phone machine, a start pulse is sent from any one of the trunks connected to the machine.

TRK0193 tn — Illegal messages from trunk (ILLM). Any messages received from RAN trunk are considered illegal if they are out of sequence of duration or control signal that remains open is less than 2 s.

TRK0200 tn — Reset acknowledge not received. Before using the AIOD trunk facility, the system sends a reset signal to the AIOD card to ready it for data transmission. If the card fails to acknowledge this command, the card is faulty.

TRK0201 tn — Transmission failure (TRFL). Error detection circuits on the AIOD card signaled either incorrect data being transmitted to the CO or that the established path between the CO and SL-1 installation has been interrupted.

TRK0202 tn — Failure to acknowledge transmit bit (TRAC). Before actual transmission of data can occur, a bid or request to begin transmission is sent to the CO. Failure to acknowledge such a request within 4 s is considered a failure.

TRK0203 tn — End of transmission or disconnect not acknowledged (ETAC). The AIOD card signals the system that it has completed transmission of data. Soon afterwards, the received by the system, the AIOD sequence is considered to have failed.

TRK0204 tn — Illegal messages from trunk (ILM). Any messages to the processor from the AIOD card are considered illegal if they are:

1. undecodable (i.e., random data)
2. out of sequence

TRK0210 tn — CCSA-ANI trunk— Short Hold. Refer to “Trunk Failures” section.

TRK0211 tn — CCSA-ANI — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0212 tn — CCSA-ANI — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0213 tn — CCSA-ANI — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.

TRK0214 tn — CCSA-ANI — Supervision failure (SUPV). Refer to “Trunk Failures” section.

TRK0215 tn — CCSA-ANI — Repetitive messages (REPT). Refer to “Trunk Failures” section.

TRK0216 tn — CCSA-ANI — Release failure. Refer to “Trunk Failures” section.

TRK0220 tn — CAMA trunk— Short Hold. Refer to “Trunk Failures” section.

TRK0221 tn — CAMA — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0222 tn — CAMA — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0223 tn CAMA — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.

TRK0224 tn CAMA — Supervision failure (SUPV). Refer to “Trunk Failures” section.

TRK0225 tn CAMA — Repetitive messages (REPT). Refer to “Trunk Failures” section.

TRK0226 tn CAMA — Release failure. Refer to “Trunk Failures” section.

TRK0230 tn RLT-main, CAS system — Short Hold. Refer to “Trunk Failures” section.

TRK0231 tn RLT-main, CAS systems — Seizure failure (SEIZ).

See Note 1.

TRK0232 tn RLT-main, CAS systems — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0233 tn RLT-main, CAS systems — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.

TRK0234 tn RLT-main, CAS systems — Supervision failure (SUPV). Refer to “Trunk Failures” section.

TRK0235 tn RLT-main, CAS systems — Repetitive messages (REPT). Refer to “Trunk Failures” section.

TRK0236 tn RLT-main, CAS systems — Release failure. Refer to “Trunk Failures” section.

TRK0237 tn Failure of far-end response to near end seizure. The near-end did not recognize the wink signal from the far end because:

1. the wink signal was not received within 5 seconds because of transmission delays or hardware failure, or

2. the wink signal was not within specification.

TRK0238 tn Far-end dialing failure. The near-end did not receive sufficient digits to be able to complete the call. This is because:

1. the far-end remained off-hook without sending any digits (faulty hardware caused a false seizure), or

2. a sender was stuck, causing the inter-digital interval to exceed a threshold.

TRK0240 tn RLT-remote — Short Hold. Refer to “Trunk Failures” section.

TRK0241 tn RLT-remote — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0242 tn	RLT-remote — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0243 tn	RLT-remote — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0244 tn	RLT-remote — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0245 tn	RLT-remote — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0246 tn	RLT-remote — Release failure. Refer to “Trunk Failures” section.
TRK0250 tn	Modem — Short Hold. Refer to “Trunk Failures” section.
TRK0251 tn	Modem — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0252 tn	Modem — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0253 tn	Modem — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0254 tn	Modem — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0255 tn	Modem — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0256 tn	Modem — Release failure. Refer to “Trunk Failures” section.
TRK0300 tn	Link/DCHI state is not yet defined.
TRK0301 loop	The loop requested is the Digital Trunk Interface (DTI) or Primary Rate Interface (PRI); use the DTI Diagnostic instead (LD 60).
TRK0302	Trunk card failed selftest.
TRK0303	Superloop number must be a multiple of 4.
TRK0304	Shelf number is undefined.
TRK0305	Card number is undefined.
TRK0306	Unit number is out-of-range.
TRK0431 tn	Seizure acknowledgment expected on DID-DOD or NWK trunk but not received.
TRK0432 tn	Seizure acknowledgment not expected on DID-DOD or NWK trunk but received.
TRK0433 tn	Timeout when waiting for ready to outpulse.

TRK0434 tn Timeout when waiting for stop to outpulse.

TRK0481 tn A seizure acknowledgment was expected on dictation trunk but was not received.

TRK0482 tn A seizure acknowledgment was not expected on dictation trunk but was received.

TRK0483 tn An Off-Hook from a TIE trunk was received instead of a Number_Received signal.

TRK0501 tn If the trunk is IPE, then Barring is applied to trunk {tn}; otherwise, the trunk has been made busy due to Line Break Alarm Signal. Feature is XDID Barring or DID Trunk Failure Monitor.

TRK0502 tn DID trunk has been idled after a Line Break Alarm Signal correction

TRK0503 tn TIE trunk has been made busy by a Line Break Alarm Signal.

TRK0504 tn Tie trunk has been idled after a Line Break Alarm Signal correction.

TRK0505 tn If the trunk is IPE, then Barring is no longer applied to trunk {tn}; otherwise, the trunk has been idled after Line Break Alarm Signal problem correction. Feature is XDID Barring or DID Trunk Failure Monitor.

TRK0506 Expected signal not received from Radio Paging equipment. Call abandoned.

TRK0509 Answer expected from XCOT trunk but not received.

TRK0510 DN + Local Exchange Code together comprise more than 7 digits when trying to transmit ANI information on an X3W trunk.

Action: Check LEC prompt in LD 16.

TRK0511 An invalid trunk signal was received on an X3W trunk. The signal was ignored.

TRK0512 Shelf number out-of-range.

TRK0513 Card number out-of-range.

TRK0514 tn XFCOT Barring is applied to the trunk {unit}. (Barring is applied to the trunk unit identified by tn.)

TRK0515 tn XFCOT Barring is no longer applied to the trunk {unit}. (Barring is no longer applied to trunk unit identified by tn.)

TRK0516 l s c tn Partial failure of metering on card {lsc}. This is a hardware failure that may have affected metering activities on one or more calls on the card.If PPM is configured, then PPM has been affected, with the result that the CDR records for calls in progress may be incorrect. If Busy Tone Supervision is configured, then busy tone may not have been detected on calls in progress.

TRK0517 l s c Fatal failure of metering on card {lsc}. This is a hardware failure that affects metering activities on the card. If PPM is configured, then PPM has been affected, with the result that further PPM reporting is disabled until either the pack is disabled and re-enabled or pulled out and reinserted. The CDR records for calls in progress are incorrect. If Busy Tone Supervision is configured, then tone supervision can no longer be performed.

Action: Try disabling and re-enabling the card. If the message appears again, it is probably a hardware fault. Replace the card.

TRK0518 tn The enable command attempted on a XDID/EAM OR XDID/CIS OR XFCOT unit is cancelled because the unit is in barred state.

Action: Disable and then enable the unit.

TRK0519 tn Warning: the XDID/EAM or XDID/CIS or XFCOT unit in barred state is changed to the disable state after a disable command.

TRK0520 tn No far-end release message is received from the XDID/EAM unit after a call blocking sequence. The disable command on this unit is stopped. The unit is in lockout state.

TRK0521 tn The disable command has been aborted while waiting for a far-end release message on a XDID/EAM unit. As soon as the far-end release message is received, the XDID/EAM unit will still be disabled.

TRK0522 A barring message is received in an invalid state from a XDID/XFCOT unit.

TRK0524 ISA service route is not allowed for the command.

TRK0526 DP digit collection problem was revealed and reported by CDTI2/ CSDTI2 FW (incoming trunk).

Action: Trunk is locked out.

TRK0527 Outgoing CIS E3W pack requested CIS ANI download by means of TDS or XCT service loop, but TERNTN fails TNTRANS or FTDS package not equipped.

Action: Outgoing CIS E3W call will be released; trunk will be idled. Check FTDS package installed.

TRK0528 Outgoing CIS E3W pack requested CIS ANI download by means of TDS or XCT service loop, but TDS/XCT path request failed.

Action: Outgoing CIS E3W call will be released; trunk will be idled. Check TDS/XCT and traffic of these service loops.

TRK0529 Outgoing CIS E3W pack fails to request CIS ANI download.

Action: Outgoing CIS E3W call will be released; trunk will be idled

TRK0530 Outgoing CIS E3W pack fails to acknowledge CIS ANI already downloaded by means of TDS or XCT

Action: Outgoing CIS E3W call will be released; trunk will be idled

TRK0531 tn An error has been detected on ISL E&M Tie, Unit will be put to MBSY.

TRK0532 tn Error condition on ISL E&M Tie removed, Unit in IDLE state.

TRK0533 tn The enable command is cancelled on this unit because an error exists on the ISL E&M TIE trunk.

TRK0843 tn Off hook from TIE trunk instead of number received signal.

TRK3031 Trunk member in a route's trunk list does not exist.

TRK3108 A trunk does not have wink start arrangement.

TRK3115 Trunk does not have answer supervision.

TRK3116 Command with the same functionality is supported in Overlay 32.

TRK3117 MF input timeout on incoming TWR1 call. Output data: trktn mfrtn tw_inc_pm clid/address information.

TRK3118 Invalid input received on incoming TWR1 call. Output data: trktn MFR tn tw_inc_pm clid/address information.

Time Slot Monitor

TSM messages

TSM0000	Program has been loaded.
TSM0002	Invalid command.
TSM0003	Invalid parameter.
TSM0004 x ts ig	Fail on Cont Test: Link, Timeslot, IG.
TSM0005	Test aborted -- too many errors.
TSM0006	Test init failed clearing CM on ENW card.
TSM0007 LK	CMD running. **Action:** Type 'END' to abort.

Teletype Error Reports

TTY messages

TTY0000 Failure installing the SDI TTY driver.

TTY0001 x y Cannot create SDI TTY device number x, group y because the TTY driver has not been installed.

TTY0002 x y Cannot create TTY device number x, group y because there is not enough memory.

Action: Manually INIT, then use LD 17 to delete and recreate this TTY.

TTY0003 x y Data corruption on TTY device number x.

Action: Manually INIT.

TTY0004 x y z Invalid FDx with SDI device number y, group z.

TTY0005 Cannot create pseudo TTY FD table because there is not enough memory.

TTY0006 x y Cannot create CPSI TTY device number x, group y because there is not enough memory.

Action: Manually INIT, then use LD 17 to delete and recreate this TTY.

TTY0007 x y MSDL TTY device number x, group y cannot be created because there is no memory for the device descriptor.

TTY0008 x y MSDL TTY device number x, group y cannot be created because there is no memory for the TTY buffers.

TTY0009 x y z Invalid FDx with MSDL device number y, group z.

TTY0010 Cannot create Pseudo TTY (PTY) FD table because there is not enough memory.

Value Added Server

Value Added Servers (VAS), such at the Meridian Mail MP are connected to the SL-1 through a Command and Status (CSL) Link. Problems and status of these links are reported in VAS messages.

VAS messages

VAS0001 vasid cust A CSL DATA data service access TN message has been sent to the Server, and a timer has been set up for the response.

VAS0002 vasid cust A CSL DATA VMS access TN message has been sent to the Server, and a timer has been set up for the response.

VAS0004 vasid cust A CSL DATA primary data service access code message has been sent to the Server, and a timer has been set up for the response.

VAS0005 vasid cust A CSL DATA VMS access code message has been sent to the Server, and a timer has been set up for the response.

VAS0006 vasid cust t A CSL DATA add data service DN message has been received from VAS Server. Data service DN has been added to the DN tree.

VAS0007 vasid cust t A CSL DATA delete data service DN message has been received from VAS Server. Data service DN has been removed from the DN tree.

VAS0008 vasid The CO Admin audit of VAS-ID Server has begun.

VAS0010 This message indicates that the application was successfully enabled on an AML link. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS010 mm/dd/yy hr:min:sec 00000 MSG APPLICATION ENABLED OPRDAT: VSID xx APPL yyyy

The reduced format shown below appears when package 243 is not enabled.

VAS010 VSID xx APPL yyyy

Where: xx = VAS ID and yyyy = application name

VAS0011 This message indicates that the application previously established on an AML link was disabled. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS011 mm/dd/yy hr:min:sec 00000 MSG APPLICATION DISABLED?

OPRDAT: VSID xx APPL yyyy REASON zzz

Where:

1. xx = VAS ID

2. yyyy = application name

3. zzz = the reason the application failed

4. LINK OUT OF SERVICE = The application was disabled because the link was removed from service. Restore the link before enabling the application. The link must be restored before the application can be re-enabled.

5. MANUALLY DISABLED = The application was disabled in LD 48.

Action: Re-enable the application.

6. UNKNOWN = The reason the application failed is unknown.

Action: Contact your technical support group.

VAS0012 This message indicates that the application could not be enabled. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS012 mm/dd/yy hr:min:sec 00000 MSG FAILED TO ENABLE APPLICATION OPRDAT: VSID xx APPL yyyy REASON zzz

The reduced format shown below appears when package 243 is not enabled.

VAS012 VSID xx APPL yyyy REASON zzz

Where:

xx = VAS ID

yyyy = application name

zzz = the reason the application failed

1. LINK OUT OF SERVICE = The application could not be enabled because the link to the application processor is out of service. The link must be enabled before the application.

Action: Restore the link before enabling the application.

2. REQUEST REJECTED = The application is not ready or is unequipped on the application processor. Be sure all the required packages are equipped and ready.

3. INVALID STATE = The association with the application processor is in an invalid state.

Action: Disable and re-enable the link before enabling the application.

4. ASSOC. EXISTS = A link error exists.

Action: Disable and re-enable the link prior to enabling the application.

5. MSG NOT SENT = The message to enable the application could not be sent to the application processor.

Action: Disable and re-enable the link prior to enabling the application.

6. UNKNOWN = Unknown cause for failure.

Action: Contact your technical support group.

VAS0013

This message indicates that the application processor received a badly structured message from the Meridian 1. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS013 mm/dd/yy hr:min:sec 00000 MSG APPLICATION PROTOCOL ERROR OPRDAT: VSID xx APPL yyyy DATA zzz

The reduced format shown below appears when package 243 is not enabled.
VAS013 VSID xx APPL yyyy DATA zzz

Where:

xx = VAS ID

yyyy = application name

zzz = is intended for technical support personnel only

Action: Repeat the task performed when this message was received. Contact your technical support group if this message is repeated.

VAS0020

This message indicates that the Voice Mailbox (VMB) database audit has been invoked either manually in LD 48, or by the periodic 5 day audit. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS020 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT INITIATED

VAS0021 This message indicates that the Voice Mailbox (VMB) database audit has been completed. If DATA_CORRECT = ON in LD 17. No action is necessary. If DATA_CORRECT = OFF, any reported mismatches must be corrected manually. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS021 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT COMPLETED

OPRDAT: x AUDITED y MISMATCHES FOUND z ERRORS

VAS021 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT COMPLETED?

OPRDAT: x AUDITED y MISMATCHES CORRECTED z ERRORS

The reduced format shown below appears when package 243 is not enabled.VAS021 x AUDITED y MISMATCHES FOUND z ERRORS

VAS021 x AUDITED y MISMATCHES CORRECTED z ERRORS

Where:

x = the number of VMBs audited

y = the number of mismatches found or corrected

z = the number of transaction errors

VAS0022 This message indicates that the Voice Mailbox (VMB) database audit that was running has been aborted. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS022 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT ABORTED

OPRDAT: x AUDITED y MISMATCHES FOUND z ERRORS

VAS022 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT ABORTED

OPRDAT: x AUDITED y MISMATCHES CORRECTED z ERRORS

The reduced format shown below appears when package 243 is not enabled.

VAS022 x AUDITED y MISMATCHES FOUND z ERRORS

VAS022 x AUDITED y MISMATCHES CORRECTED z ERRORS

Where:

x = the number of VMBs audited

y = the number of mismatches found or corrected

z = the number of transaction errors with Meridian Mail

VAS0023 This message indicates that a mismatch was found by the VMB database audit. This message appears when DATA_CORRECT = OFF in LD 17. The Voice Mailbox data must be compared between the Meridian 1 and Meridian Mail. The data can be corrected on either the Meridian 1 or Meridian Mail. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS023 mm/dd/yy hr:min:sec 00000 MSG VMB MISMATCH FOUND OPRDAT: CUST x DN yyyy

The reduced format shown below appears when package 243 is not enabled.

VAS023 CUST x DN yyyy

Where:

x = the customer number

yyyy = the Directory Number with mismatched Voice Mailbox data

VAS0024 This message indicates that a mismatch was found by the VMB database audit, and corrected. This message appears when DATA_CORRECT = ON in LD 17. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS024 mm/dd/yy hr:min:sec 00000 MSG VMB MISMATCH FOUNDOPRDAT: CUST x DN yyyy

The reduced format shown below appears when package 243 is not enabled.VAS024 CUST x DN yyyy

Where:

x = the customer number

yyyy = the Directory Number

VAS0025 This message indicates that the VMB database upload was invoked from LD 48. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS025 mm/dd/yy hr:min:sec 00000 MSG VMB UPLOAD INITIATED

VAS0026 This message indicates that the VMB upload completed. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS026 mm/dd/yy hr:min:sec 00000 MSG VMB UPLOAD COMPLETEDOPRDAT: x UPLOADED y DELETED z ERRORS

The reduced format shown below appears when package 243 is not enabled.

VAS026 x UPLOADED y DELETED z ERRORS

Where:

x = the number of VMBs uploaded

y = the numbers of VMBs deleted on the Meridian 1 (note that Meridian 1 Voice Mailboxes are deleted if a mailbox is not configured on Meridian Mail)

z = the number of transaction errors with Meridian Mail

VAS0027 This message indicates that a VMB upload that was running was aborted. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS027 mm/dd/yy hr:min:sec 00000 MSG VMB UPLOAD ABORTED OPRDAT: x UPLOADED y DELETED z ERRORS

The reduced format shown below appears when package 243 is not enabled.

VAS027 x UPLOADED y DELETED z ERRORS

Where:

x = the number of VMBs uploaded

y = the numbers of VMBs deleted on the Meridian 1 (note that Meridian 1 Voice Mailboxes are deleted if a mailbox is not configured on Meridian Mail)

z = the number of transaction errors with Meridian Mail

VAS0028 The Voice Mailbox on the Meridian 1 has been deleted during an upload because a corresponding upload because the corresponding Voice Mailbox does not exist on Meridian Mail. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS028 mm/dd/yy hr:min:sec 00000 MSG VMB DELETED OPRDAT: CUST x DN yyyy

The reduced format shown below appears when package 243 is not enabled.

VAS028 CUST x DN yyyy

Where:

x = the customer number

yyyy = the Directory Number that had the voice mailbox deleted

VAS0030 A Voice Mailbox operation failed. The reasons and actions are listed below. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS030 mm/dd/yy hr:min:sec 00000 MSG VMB OPERATION FAILEDOPRDAT: CUST x DN yyyy OPR zzzz REASON aaaaa

The reduced format shown below appears when package 243 is not enabled.

VAS030 CUST x DN yyyy OPR zzzz REASON aaaaa

Where:

x = customer number

yyyy = Directory Number

zzzz = the operation that failed (ADD, CHG, DEL, AUDT, UPLD)

aaaaa = the failure reasons and actions are listed below

GENERAL ERROR = A non-specific error has occurred while processing the transaction.

Action: Take the appropriate action for the SEER report on Meridian Mail.

VMB NOT FOUND = A Voice Mailbox does not exist for the specified DN. If DATA_CORRECT = ON, the user will be automatically created. If it is off, you must create the VMB manually.

BAD DIGIT IN VMB DN = Meridian Mail received a VMB DN with a bad digit.
Action: Re-enter the DN.

COS NOT DEFINED = The Class of Service specified is not configured for Meridian Mail.

Action: Either specify a different Class of Service, or configure the desired Class of Service.

BAD CHAR IN FNAME = Meridian Mail received a bad character in the First Name IE.

Action: Modify the name on the Meridian 1 so that it uses only characters supported by Meridian Mail.

BAD CHAR IN LNAME = Meridian Mail received a bad character in the Last Name IE.

Action: Modify the name on the Meridian 1 so that it uses only characters supported by Meridian Mail.

BAD DIGIT IN 2ND DN = Meridian Mail received a bad digit in the Second DN IE. Re-enter the Dn to be sure the problem is not due to a transmission error on the AML link.

Action: If this appears again, contact you technical support group.

BAD DIGIT IN 3RD DN = Meridian Mail received a bad digit in the Second DN IE. Reenter the Dn to be sure the problem is not due to a transmission error on the AML link.

Action: If this appears again, contact you technical support group.

ENTRY CORRUPT = More than one user was found with the same mailbox number. This may indicate a database corruption error.

DATA LOCKED = The Meridian 1 requested an operation that is currently in use by Meridian Mail maintenance or administration.

Action: If it is necessary to perform the task immediately, remove the Meridian Mail user and resend the request.

INVALID VMB DN = A mailbox cannot be configured for that DN because it has special significance for Meridian mail. Use another DN.

INVALID 2ND DN = A mailbox cannot be configured for that DN because it has special significance for Meridian mail. Use another DN.

INVALID 3RD DN = A mailbox cannot be configured for that DN because it has special significance for Meridian mail. Use another DN.

MSG TIMEOUT = Meridian Mail did not respond to the request within the timeout period, possibly due to heavy traffic on the link. Resend the request.

NO COS FROM MMAIL = Meridian Mail did not provide a Class of Service in the upload response message.

Action: Resend the upload request.

VMB UPLOAD FAILED = A Voice Mailbox could not be built on the core, possibly due to low memory on the Meridian 1.

Action: Resend the upload request.

NAME UPLOAD FAILED = A name could not be built on the core, possibly due to low memory on the Meridian 1.

Action: Resend the upload request.

SEND REQUEST FAILED = The request could not be sent to Meridian Mail for an unspecified reason.

Action: Resend the upload request.

UNKNOWN = Unknown cause for failure.

Action: Contact your technical support group.

Voice Port TN

VTN messages

VTN0001 The specified Voice port (Loop Shelf Card Unit) was acquired by an application on the Link#. The format of this message is: VTNxxxx Link# Loop# Shelf# Card# Unit# Hour Minute Second.

VTN0002 The specified Voice port (Loop Shelf Card Unit) was de-acquired by an application on the Link#.

Conference, Tone and Digit Switch, and Multifrequency Sender Cards

The XCT card provides conference, Tone and Digit Switch (TDS) and Multifrequency Sender (MFS) circuits. XCT messages indicate hardware status and problems.

XCT messages

XCT0001 loop x The Conference/TDS/MFS Card failed the self test. Where: x = self test result message.

Action: If the test fails a second time, replace the card.

XCT0002 loop x The Conference/TDS/MFS Card failed the Input/Output test. Where: x = I/O result message.

Action: If the test fails a second time, replace the card.

XCT0003 loop Failed download process to the Conference/TDS/MFS Card. This may indicate communication trouble or checksum problems or the card is busy.

Action: Try the command again.

XCT0004 loop x y The CPU received a message invalid to the current state of the Conference/ TDS/MFS Card.

Where:

x = message type received

y = the state of the card.

XCT0005 loop x The CPU received an unrecognized message from the Conference/ TDS/MFS Card. Where: x = message received.

XCT0006 loop x The Conference/TDS/MFS Card received an illegal message from the CPU. Where: x = message received.

XCT0007 loop x Time-out waiting for response from the Conference/TDS/MFS Card. Where:þxþ=þthe state of the XCT.

XCT0008 loop n Failed download process to the Conference/TDS/MFS Card because the CPU could not write to the card. This may indicate a removed card or hardware fault.

Where: n = the FCAD table entry number which failed to download. If n = 0, the failure occurred downloading system parameters.

XCT0009 loop tn The Conference/TDS/MFS Card sent a message to the CPU with an invalid Terminal Number.

XCT0010 g The CPU was unable to obtain a Call Register to perform a timing task. Where:þgþ=þGroup loop number.

XCT0011 loop r The Conference/TDS/MFS Card has been reset. Where: r = hardware reset message.

XCT0100 loop x The Conference/TDS/MFS Card failed to respond to a read or write. Where:þxþ=þoutgoing message.

XCT0101 loop x The Conference/TDS/MFS Card is disabled and needs download. This occurs when the two loops on the card are enabled separately.

Action: Enable the card using the ENLX command in LD 34, LD 38 or LD 46. Where: x = “XCT DNLD NEEDED USED ENLX CMD”

XCT0102 loop x The conference loop on Conference/TDS/MFS Card is in use. The Time Slot Memory (TSM) was not tested. Where: x = “XCT IN USE NO TSM TEST”

Action: Wait until the loop is idle.

XCT0103 Downloading of DTR or XTD parameters to slot 0 failed. In LD 34 disabled and reenable the slot using commands DISX 0 and ENLX 0.

Action: If the problem persists, contact your technical support group, and report the message.

XCT0104 Downloading of the tone parameters for the TDS on slot 0 has failed. In LD 34 disable and reenable the slot using commands DISX 0 and ENLX 0.

Action: If the problem persists, contact your technical support group and report the message.

Network to Controller Message Interface

The XMI messages indicate problems with the communication between the NT8D04 Network Card and the NT8D01 Controller card.

XMI messages

XMI0000 aaaa

Message “aaaa” received from a Network Card (NT8D04). The possible messages are:

1. PLL UNLOCK EVENT. The Network card lost synch with the system clock.

2. MSG FROM SHELF x: XPEC ERROR 0001. This error is usually self correcting. If may indicate a double timeslot problem or invalid call teardown.

3. TN READ UNBLOCKED: CNT=x. A number of SSD messages were sent to the PS card but not acknowledged. In order to prevent the locking of the message path, the Network card assumed the message was received.

4. Any of the following three messages:

XNET POLLING FAILURE ON PORT x

RSIG LINK LOST ON PORT #x - REINITIALIZED

R71 DISASTER; CANNOT ALIGN TRANSCEIVERS.

These messages indicate that the Controller is not responding to the Network card polling messages.

1. a. Ignore if message occur when clocks are switched.

b. If it occurs periodically, switch the clocks.

c. If it occurs often, replace Network card or clocks

Random XMI000 messages may be generated if excessive Electrostatic Discharges (ESD) are allowed to enter the system. These messages may be safely ignored. Refer to General Maintenance Information (553-3001-500) for ESD avoidance practices.

2. a If message occurs rarely, ignore it.

b. If it occurs often, replace the Controller.

3. a. If message occurs rarely, ignore it.

b. If it occurs often, replace the PS or Network card.

4. a. Check cabling between Controller and Network.

b. Replace the Controller.

c. Replace the Network.

In X11 Release 15 and 16, “FRw APx SQy TPz” is output before the text, where “w” is the loop number. This data is not output in X11 Release 17 and later. Messages without text indicate that the Network or Controller card have requested software download.

XMI0001 l s c Card polling failure. The specified card did not respond to the polling message.

XMI0001 s Card s in the expansion cabinet has lost connection to the main cabinet.

XMI0002 l s c Card polling re-established.

XMI0002 XFIL 1 Main fiber interface (MFI) local is operational.

XMI0002 XFIR 2 Expansion fiber interface (EFI) remote is operational in first expansion cabinet.

XMI0002 XFIR 3 Expansion fiber interface (EFI) remote is operational in second expansion cabinet.

XMI0003 l s ts Continuity failed on timeslot ts.

XMI0004 loop Loop generated too many XMI messages.Output of XMI000 has been stopped.

XMI0005 L A S T t No message registers available in the idle queue. The printing this message is disabled for one hour. Where:

L = Loop or superloop number

A = Application number for this message

S = Sequence field for this message

T = Type of message

t = time of this message: hh:mm:ss dd/mm/yy format

XMI0006 loop Five or more write attempts to Network Card L failed.

Action: Check the Network Card status.

XMI0007	Card type does not match the data base.
XMI0008	Card is not defined in the data base.
XMI0100	The loop specified in the query request is invalid; that is, it is not a superloop, nor is it XI_LOOP_NONE.
XMI0101	Trying to read/write to a disabled XNET/non-XNET loop.
XMI0102 card	Card slot printed is not allowed for the type of pack inserted. This is mainly for the Option 11 DTI/PRI card which can only be used in slots 1 to 9 in the basic cabinet.
XMI0103	The number of TNs created has exceeded the number of TNs allowed.
XMI0104	Card is equipped in an expansion slot but there is no expansion cartridge on the CPU.

Meridian 1

Software Input/Output Guide

X11 System Messages

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